The AMERICAN HOME

10¢

July 1936

HARRIE WOOD

REMODELLED, COLONIAL AND BEACH HOUSES :: KITCHENS
EATING OUT AT HOME :: OUTDOOR FIREPLACES
PROFESSIONAL RESULTS WITH YOUR FLOWER PHOTOGRAPHS

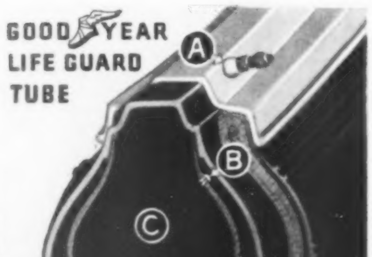
Calling all cars!

...AND ALL PARENTS TOO

LISTEN: for the sake of the family's safety let's have those new Goodyear Double Eagle Airwheels★ and LifeGuard★ Tubes under us from now on. My daddy says he wouldn't be without them for a million dollars—not only because they're light-footed and easy-rolling and cool-running and sure-gripping — but because they end the dreadful danger of blowouts for good and all. Even mama doesn't worry in the back seat when we go fast now.

★ Trade-mark Registered

"BUILT NOT TO SAVE MONEY
BUT TO SAVE LIFE"



A Look for the yellow valve stem and blue cap

B LifeGuards★ take a little longer to inflate because air passes gradually from "inner tire" to outer tube through this VENT HOLE

C On this two-ply "INNER TIRE" you ride to a stop with car under control, even though casing and outer tube blow wide open

EIGHT STANDOUT FEATURES

which lift the new Double Eagle Airwheel★ above any tire Goodyear ever built

1 The finest, safest, handsomest, longest-mileage tire that we have ever built.

2 Best-proved non-skid tread pattern in the world, made more efficient.

3 Tougher rubber, slotted 15% deeper to give many more miles of the Goodyear Margin of Safety for quickest stopping.

4 Built throughout of special new heat-fighting compound that frees high-speed travel from tread-throwing risk.

5 Extra rubber "float" for every ply, new "rubber-rivet" breaker-strip anchorage, stronger bead.

6 Supertwist cord in every ply to guard against blowouts and bruises.

7 Flexible, easy-rolling casing without the tread stiffness common to heavy tires.

8 Built to strictest specifications in industry, in materials, workmanship, balance and inspection.

MORE PEOPLE RIDE ON GOODYEAR TIRES THAN ON ANY OTHER KIND

GOODYEAR

"*The* FINEST OIL FURNACE *that money can buy*"

GENERAL ELECTRIC OIL FURNACE

NO OTHER OIL FURNACE CAN BE LIKE THIS!

★**LUXURIOUS HEAT.** Maintains an even temperature—automatically. Provides an abundance of hot water—every hour of the day and night. Beautiful in appearance. Quiet, clean and odorless in operation.

★**SAFE.** Oil is burned in an electrically-welded steel boiler. An automatic safety control shuts off the fuel supply in less than 4 seconds. The self-oiling mechanism is sealed-in-steel to protect it from dust and dirt.

★**DEPENDABLE.** Sturdy—built for a long life of service. Thoroughly reliable.

★**ECONOMICAL.** The new scientific method of burning oil insures complete combustion. Heat usually lost up the chimney is "trapped". Greater fuel burning efficiency permits the use of cheaper grades of fuel oil.

★**ONE COMPLETE UNIT.** Every part is designed to work with every other part. A compact, coordinated unit—designed, built and warranted by the General Electric Company.

ONLY the G-E Oil Furnace has the magical "Inverted Flame". Only the G-E Oil Furnace gets so much out of every drop of oil—every bit of useful heat.

And only the G-E Oil Furnace gives such automatic, luxurious heat—such an abundance of hot water for household use—such dependability—such safety.

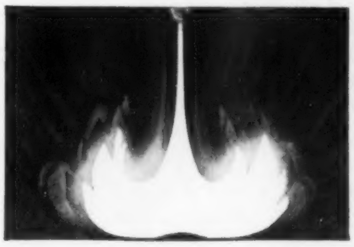
One look through the observation window will show that this marvelous new furnace is entirely different from all other types of oil heating equipment. Oil is vaporized and is burned without roar, or soot or odor in an upside-down, intensely hot flame.

Every tiny particle of the oil is burned. And every practicable unit of heat is captured and put to work.

But that's only part of the story! The boiler itself is of steel—electrically-welded. The mechanism is automatic; it even oils itself. And the rotating part of the burner mechanism is sealed-in-steel to protect it from dust and dirt.

Get the whole remarkable story of this better, different oil furnace. It's the finest type of automatic oil heating equipment that money can buy—and the cheapest to own. Mail coupon for free copy of the absorbing booklet "Luxurious Heat" or, better still, get in touch today with the General Electric Oil Furnace dealer in your city.

Research Keeps G-E Years Ahead!



The General Electric Oil Furnace with its magical "Inverted Flame" has upset all previous ideas about oil heating ... has set new standards of safety, dependability and economy in home heating. Don't fail to see "The Heating Unit That Science Built."

GENERAL ELECTRIC OIL FURNACE

FOR STEAM, VAPOR AND HOT WATER HEATING SYSTEMS

AIR CONDITIONING, TOO!

It is now possible to get automatic oil heat and complete winter air conditioning from one economical G-E unit. Ask your local G-E dealer to show you the new General Electric Warm-Air Conditioner. It supplies luxurious heat and, in addition, circulates healthful, conditioned air throughout the house. Air which has been filtered clean of dirt and dust, and moistened to the proper degree of humidity.

GENERAL ELECTRIC CO.
Air Conditioning Dept., Div. 71152
Bloomfield, New Jersey

Gentlemen: Please send me, without cost or obligation, "Luxurious Heat", 12-page booklet on the new G-E Oil Furnace.

Name..

Street Address.......................... ....

City and State..

THE AMERICAN HOME. July, 1936. Published monthly. Vol. XVI, No.2. Published by the Country Life-American Home Corp., 444 Madison Ave., New York, N. Y. Subscription price $1.00 a year. Foreign $2.00. Entered as second class matter December 31, 1935, at the post office at New York, N. Y., under act of Congress, March 2, 1879.

The Alvah S. Hicks residence is one of 120 concrete homes built last year in smart Palm Springs, California. Architect: Chas. Matcham, office of Earl Heitschmidt, Palm Springs. Builder: Chas. Chamberlain, Palm Springs.

LIFE IS SECURE
AND GAY AND COZY
IN A LOVELY
CONCRETE HOME

IT'S fun to live in a concrete home because it gives such a brimming measure of every good quality a home should have.

In any architectural style you choose, concrete creates a charming, livable home—snug, warm and dry in winter, cool and airy in summer. A safe home that is secure from fire and storm, that resists the attacks of time, termites and decay.

Your concrete home will endure for generations with almost no money spent on repairs. It makes housekeeping easy because it is free from annoying faults—its walls will not settle or crack . . . its concrete floors will not sag . . . its doors and windows will not bind.

The cost is surprisingly moderate. And you have your choice of any surface texture and a wide range of warm colors.

FLOORS ARE IMPORTANT!

You can have the very finest floors—at low cost—by making them of concrete. They're fireproof, quiet, warm and strong. They can be covered with wood, carpet and linoleum, or simply colored and waxed—different in every room if you prefer.

Write us for beautiful, illustrated booklet, *"22 Low Cost Concrete Homes."*

●

TELL YOUR ARCHITECT you want a concrete home. Before you build ask a concrete contractor or concrete products man to estimate your house with firesafe concrete walls and floors. Be sure that your architect and builder are familiar with the new concrete technique.

PORTLAND CEMENT ASSOCIATION
Dept. A7-5, 33 W. Grand Ave., Chicago, Ill.

So-called "wholesale" bargains

It is important that every American Home reader heed this story as a new but already strongly entrenched "racket"

ROBERT THOMPSON

A DIFFICULT and fascinating business—buying furniture; all the periods of history, all the contributions of geography to be considered, to say nothing of computations in lower and higher mathematics. Now, there is another important phase to the education of furniture buyers—more disagreeable aspects of the really delightful experience of buying furniture. The public must also beware of misleading selling practices. It seems, however, that the beginning and ending of it lies with the buyers themselves, and it requires a deal of thinking and doing on their part to eradicate a widespread and growing danger to right furniture buying.

We all like our own things. We choose them, we live with them, and we enjoy them. When the time comes to buy new furniture we want it to be the right furniture, good looking, well made, honest furniture that suits our house and us. The young couple, gayly, carefully planning, the experienced well-to-do shopper—all are alike. We are looking for the best furniture that we can buy. There is a bewildering plenty to choose from, antique, modern, simple, bizarre, wooden, metal, wicker, glass—whatever we desire. And the search of it leads us into the pleasantest sort of exploration until we meet with one almost inevitable and likely-sounding temptation hard to resist.

"Wholesale" has always been a catchy word and it, in association with other devices, is being used today to catch more than $10,000,000 a year from furniture buyers in New York City alone.

Strangely enough, we begin with the fact that in New York City, there is no appreciable wholesale furniture trade—that is, as wholesale trade is commonly understood. The very, very few bona fide wholesalers remaining in the trade do not sell to the individual consumer. There *are* so-called wholesalers and these concerns, of course, are in business for profit. They must sell to somebody. Certain of these so-called wholesalers are operating their business on the dramatization of the suggestion that only you or I or a chosen few can buy from them, thus cleverly creating in us a desire, and for themselves a demand. Their sales promotion is based on the subtle suggestion that they do not want to sell furniture to you as an individual consumer, but that if they do, they give you a discount of 50% and 20% and 10% and so on, the discount, in most cases, being from a fictitious or outrageously high list or alleged retail price. Therein lies their profit.

The suggestion of buying our furniture wholesale may come to us in connection with the name of a person posing as an interior decorator who supposedly buys wholesale. Buying furniture through an established interior decorator, if one can afford it, is an excellent way to assure oneself of good taste and proper values. Established interior decorators, and they are easy to identify, have joined forces with legitimate retailers to expose the activities of persons who pretend to be decorators, but who really are brokers or dealers with their stores in their hats. The stock in trade of such brokers or pseudo-decorators, is a courtesy card supposedly entitling the recipient to wholesale discount favors.

We may likewise be invited to buy wholesale by a salesman in a retail store, who also gives us a courtesy card to a wholesale dealer. Retail salesmen who thus betray their employers are, of course, motivated by the desire for private gain, in the shape of secret commission from the wholesalers.

Perhaps the largest field of activity of the so-called wholesaler is among the employees of large corporations, or city, state, or federal departments. Through the mails, courtesy cards or by word of mouth employees are approached with the suggestion that they are a privileged class—privileged to buy wholesale. As a matter of fact, in many cases, one can walk in off the street and obtain the same doubtful privilege.

However we may be led into the belief that we are about to buy our furniture wholesale, this is what probably will happen to us:

We may find our way to a dreary loft, crowded with furniture of all makes, periods, and materials. We may find ourselves in a well-located, clean attractive show room. We may find ourselves in a junk store. Sometimes the front of the establishment is covered with large signs. Sometimes it seems to be a well-guarded secret that furniture is sold at all.

Salesmen, likewise, are usually superior and restrained, pretending so cleverly that they do not care to sell to us that we are

[*Please turn to page 8*]

Every 5 Minutes a Woman Buys a Plymouth!

IT HAS THE BEAUTY, ECONOMY, COMFORT AND SAFETY WOMEN DEMAND

They find "All Three" priced about alike...but Plymouth Offers most for their Money

THE BEST "SHOPPERS" buy Plymouths today. It's proved by the way Plymouths are bought by women . . . actually *one every five minutes!*

Women, of course, shop carefully...looking and comparing...until they find the best value. And today more than ever, that's the way to buy a car.

"Look at All Three" low-priced cars today. You'll see why good shoppers pick Plymouth. Priced with the lowest . . . it tops the field for smartness, comfort, safety and economy.

Only Plymouth of "All Three" has Safety-Steel body, *double-action* Hydraulic brakes.

Drive Plymouth before you buy any car. Ask your Chrysler, Dodge or De Soto dealer.

PLYMOUTH DIVISION OF CHRYSLER CORP.

PRICED WITH THE LOWEST
Terms as low as $25 a month

$510

AND UP, LIST AT FACTORY, DETROIT
SPECIAL EQUIPMENT EXTRA

(*Above*) WOMEN LIKE the ease of Plymouth's shock-proof, fight-free steering and the easy way it handles on the open road...its quick response in traffic...

•

(*Left*) LUXURIOUS FLOATING RIDE...with correct weight distribution...special "amola" steel springs...and the comfort of soft, chair-height seats.

DEMAND SAFETY...only Plymouth of "All Three" has both a Safety-Steel body and Hydraulic brakes.

PLYMOUTH BUILDS GREAT CARS

• TUNE IN ED WYNN, GRAHAM McNAMEE AND ALL-STAR CAST, TUESDAY NIGHTS, N. B. C. RED NETWORK

Left: Home of Mrs. Thomas Lyle Taggart, Palos Verdes Estates, California

Right: Home of Dr. and Mrs. E. D. Pope, Hillister, Texas

Above: Home of Mr. and Mrs. James C. White, Kingsport, Tennessee

Below: Home of Mr. and Mrs. H. R. Sperling, Dover, New Jersey

Below: Home of Mr. and Mrs. H. W. Hartong, Decatur, Ill.

JULY, 1936 **VOL. XVI, No. 2**

CONTENTS

National Edition

Cover Design by Harrie Wood

So-Called "Wholesale Bargains" . . . . *Robert Thompson* 4

Frontispiece 10

Like People, Houses Migrate . . . . *Edna Holroyd* 11

The Herbaceous Garden of the Connoisseur . *Stephen F. Hamblin* 13

Living Room in the Garden . . . . *Howard Kegley* 14

A Slat House More Than Pays for Itself . . . . *A. H. Carter* 15

Eating Out at Home . . . . *Grace E. Chaffee* 17

To Make Outdoor Eating More Amusing 19

With Porch Comforts 21

Photographing Your Flowers . . . . . . *H. J. Van Valkenburg* 22

The Beautiful Legends of Texas' Wild Flowers . *Jan Isbelle Fortune* 24

A Shabby Small Town House . . . . *D. H. Buckhout* 25

Shelf Appeal . . . . *Jane Neafie* 26

Let's Talk About Our Kitchens . . . . . . *Elsa Mangold* 28

Hooking for Upholstery Purposes . . . . *Christine Ferry* 31

Flower Show Prize Winners—All 32

Welcome on the Doormat . . . . *Marion Guinn* 33

Lamplight Glimpses of Colonial Life . . *Isabel R. A. Currier* 34

A Garden Perched on an Oregon Hillside . . . . *Melvin Arnold* 36

A First-Rate Dumping Ground—
But We Wanted a Garden! . . . . *Charles P. Pelham* 38

A Beach House Built Around a Fireplace . . . . *Rowe Rader* 39

Children's Parties—Lessons in Etiquette . . *Marie Eisenbrandt* 41

The American Home Gardener's Album—No. 7 42

To Help You Housekeep . . . *Lissa Norcross and Emily Herzog* 44

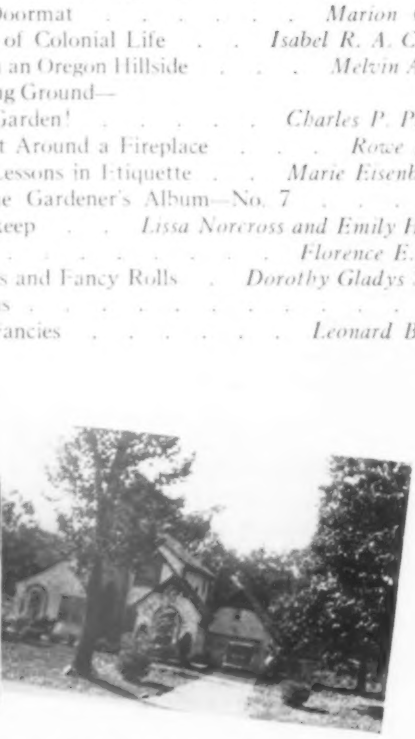
A Salad a Day . . . . *Florence E. Field* 45

Swedish Sweet Breads and Fancy Rolls . *Dorothy Gladys Spicer* 47

More About Kitchens 54

Garden Facts and Fancies . . . . *Leonard Barron* 76

Home of Mrs. William Hanrahan, Hartwick, New York, before and after remodeling



Home of Mr. J. S. Christy, St. Louis County, Missouri

LEONARD BARRON, Horticultural Editor MRS. JEAN AUSTIN, Editor CHARLOTTE EATON CONWAY, Associate Editor

Published by the Country Life-American Home Corporation. W. H. Eaton, President-Treasurer. Henry L. Jones, Vice-President. Jean Austin, Secretary. Executive, Editorial and Advertising headquarters, 444 Madison Avenue, New York. Subscription Department, 251 Fourth Avenue, New York. Branches for advertising only: Park Square Building, Boston, Mass.; Peoples Gas Building, Chicago, Ill.; A. D. McKinney, 915 Olive St., St. Louis, Mo.; W. F. Coleman, Henry Building, Seattle, Wash.; W. F. Coleman, 111 Sutter Street, San Francisco, Calif.; W. F. Coleman, 903 Union Bank Building, Los Angeles, Calif.

Copyright, 1936, by the Country Life-American Home Corporation. All rights reserved. Title registered in U. S. Patent Office.

2 MORE NEW YORK BEAUTIES *are telling you-*

JANICE JARRATT

[Below] **CARROLL BRADY**

"Listerine Tooth Paste keeps teeth looking their loveliest"

Hear what Miss Janice Jarratt, often termed the most photographed girl in the world, says:

"Listerine Tooth Paste? It's simply delightful . . . gives my teeth wonderful brilliance and sheen."

Hear, also, the opinion of Miss Carroll Brady, lovely newcomer to famous New York studios:

"The camera is merciless . . . so a model can't take chances with the looks of her teeth. I have found that Listerine Tooth Paste is best for keeping them really white and gleaming."

Like scores of other New York models, whose bread and butter depend on their good looks, these two lovely girls have found by actual experience that this dentifrice is best and safest for preserving and enhancing the beauty of their teeth.

Many Stars of stage and screen have discarded costlier favorites for this super soft dentifrice at 25¢.

If you have not tried Listerine Tooth Paste, do so now. It contains two special polishing and cleansing ingredients, notable for their safe and gentle action. And right now there is a special inducement to try this exceptional dentifrice. (See panel at left.)

LAMBERT PHARMACAL COMPANY
St. Louis, Mo.

Summer's Best Bargain!

MOIRE VACATION KIT

Rubber lined   Glider lock   Choice of colors

AND . . . 25¢ LISTERINE TOOTH PASTE
AND . . . DENTAL SPECIAL TOOTH BRUSH

ALL 3 FOR 49¢

AT YOUR DRUGGIST'S WHILE THEY LAST
This offer good in U. S. A. only

Announcing

THE KITCHEN SINK THAT SCIENCE BUILT

THE CRANE

Sunnyday

CABINET SINK

● Here's the inspired answer to the housewife's question: "Where shall I put it?" The SUNNYDAY has a built-in refuse receiver, vegetable and bakery goods storage, cutlery drawer and accommodations for utensils and supplies. Cabinet is of heavily enameled steel. Doors and drawers are rigid, non-warping, smooth-acting, sound-deadened.

The sink—acid-resisting porcelain on cast iron—has out-of-the-way faucets, swinging spout, cup strainer, rinsing and vegetable spray, stemware drying ledge and depressed drainboards. Fixtures are heavily chromium plated.

Send the coupon today for complete description of this labor-and-time-saving improvement in kitchen equipment. On convenient terms from your master plumber.

This complete Crane kitchen cost only $462

Complete Crane kitchen in home of T. C. Warnken, Oak Lane, Pa. All remodeling, redecorating and all fixtures, including Crane SUNNYSIDE Sink and Cabinets, came to $462—or only $14.69 monthly on the Crane Finance Plan. See your architect or master plumber today. You can have a complete Crane kitchen, too!

CRANE CO., 836 S. Michigan Ave.
Chicago

A.H. 7-36

Gentlemen: Please send, free and without obligation, illustrated literature on the subjects I have checked: ☐ Modern Kitchen; ☐ Bathroom; ☐ Heating System. ☐ I contemplate building a new home; ☐ Modernizing present home.

NAME……………………………

ADDRESS……………………………

CITY…………………… STATE……….

So-called "wholesale" bargains

[*Continued from page 4*]

naturally anxious to buy. It is all a bit theatrical. They carefully explain about the discounts. Prices are sometimes in code. A certain number on the courtesy card may indicate the percentage or commission to go to the intermediary. Consequently, there is considerable figuring to be done. Or, the prices may be plainly marked in figures which even to our dazzled eyes seem very high. In this case, too, there is much figuring to be done. There is 50% off and another 10% or so and maybe something added on, and occasionally a sales tax mentioned. It all becomes more and more bewildering.

Meanwhile, we are trying to accommodate our concept of the "right furniture" we had started out to buy, to something not quite "right," but with the vague discount off the price. We may be told to go to a retail store and get the number of the furniture we want and come back and order it wholesale. This proves to be a sorry quest for the piece may be found to be unattainable and we are persuaded to take something else.

Actually knowing little about comparative values, we are at a loss. "That doesn't seem quite like a wholesale price to me," we may suggest. "Quite all right, madam. It is your privilege not to buy it." And strangely we are convinced that the price is right.

"It is not quite the quality I expected," we may venture. "There can be no question of quality. This is from one of our own factories. We sell to dealers who have to please their customers." More drama and very plausible, although facts show that certain so-called wholesalers manufacture nothing and that certain others have only the semblance of a factory where manufacturing is confined to one specialty. And as for dealers, there are thousands of them to be sure—many with the curbstone their address, and the window of a legitimate retail store their show room.

And so we buy our furniture wholesale, forgetting our original plans and hopes, for that alluring discount. Any one of these authentic stories from official records tell what may happen to us.

A young couple, engaged to be married, decided to buy living and bedroom furniture. It meant planning and working and sacrificing, and when they learned that they could buy furniture wholesale they were, of course, happy and eager to do so. They were taken to a place that looked like a warehouse and believed that they were getting a discount as well as installment privileges. They bought their furniture and when time came for delivery only a few pieces were delivered and those came after dark. (Certain concerns frequently deliver after dark.) When the young people asked for the rest of their furniture they were told to pick out something else. These pieces were also delivered at night and in the daylight were found to be in an unsatisfactory condition.

A young woman was introduced to a concern and told that she could purchase wholesale. The salesman suggested that she go to a department store, make her selection, and he would get the merchandise for her at a big discount. She did so. After delay he reported that the department store had an exclusive right to the set she had selected, so he couldn't get it. He then offered her the "pick" of his "wholesale" stock. She bought a set and a few months later, passing a retail store, saw one exactly like it in the window for the same price, retail, which she had supposedly bought wholesale. She went in and inquired about it. She climbed into the window and examined it. There was no doubt about it. The two sets were identical.

A man paid several hundred dollars to a wholesaler for what he thought was a rosewood, satinwood bedroom set. Unpacked, the furniture looked like walnut. Investigation proved that the regular retail price was four fifths what he had paid wholesale.

And so it goes on and on, the same unbelievable tale of suggestion and imposition, of disappointment and loss. As perhaps in every other form of wrongful practice, the consumer's chief defense is education. A start toward protection can be made by the individual consumer remembering that there's a catch in it every time he hears the suggestion "buy your furniture at a wholesale discount."

STORMY
RAIN
CHANGE
FAIR
VERY DRY
29
30
HOLOSTERIC BAROMETER
NEW YORK - LONDON - PARIS

Forget the Weatherman

MAKE YOUR OWN WEATHER IN YOUR HOME

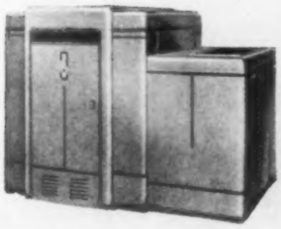
HEATS IN WINTER
SUNBEAM
AIR CONDITIONING
COOLS IN SUMMER

"WARMER TOMORROW" holds no threat of discomfort for the family whose home is equipped with Sunbeam Air Conditioning. For they are masters of their weather. They enjoy Springtime *indoors* all year 'round . . . warmed in winter, cooled in summer by the same handsome Sunbeam Unit.

Installed in the basement, it sends a stream of clean conditioned air through inconspicuous, space saving wall grilles into every room of the house. In winter, this air is filtered, heated and automatically humidified to a healthful level before it is circulated. In summer, there's relief from the heat in gentle circulation and ventilation with filtered, cool, night air. Mechanical cooling and dehumidification are available, if you want them. This equipment, however, may be installed at any later time.

For many years, Sunbeam Units have been performing successfully in large, palatial homes. Today, Sunbeam engineers make it possible for every home—large or small—to enjoy the same Custom Made Climate. Sunbeam equipment is backed not only by practical installations, but by 50 years of air treatment experience. There is a model for every home . . . for oil, gas or coal . . . entirely automatic . . . and reasonably priced.

A new booklet will tell you all about it . . . show you its benefits as well as its amazing savings in fuel. The coupon will bring your free copy. Mail it today.



The new Sunbeam Air Conditioning Unit, installed in the basement . . . for oil, gas or coal . . . for all homes, old and new, large and small.

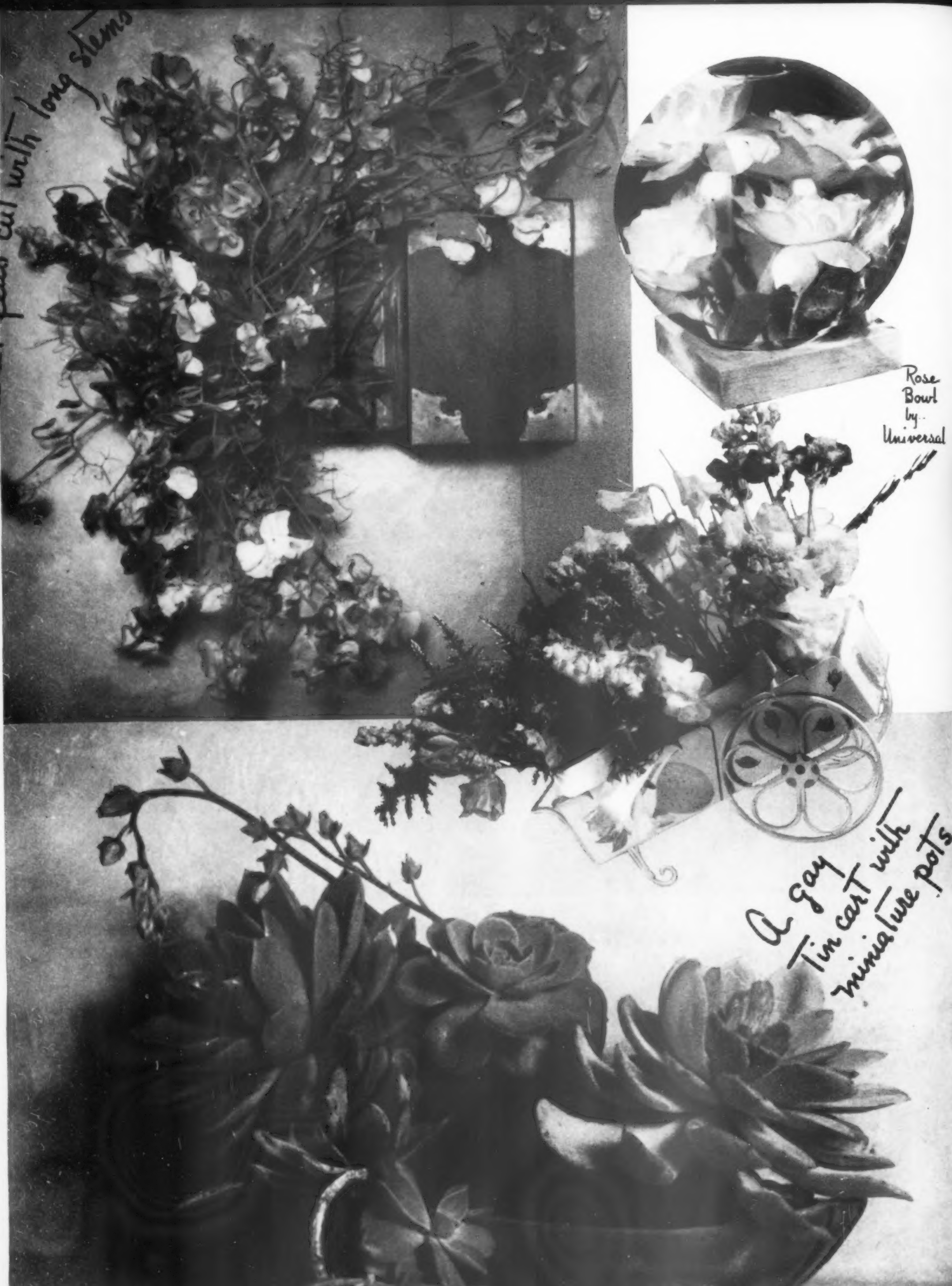
THE FOX FURNACE CO., ELYRIA, OHIO

Division of AMERICAN RADIATOR & STANDARD SANITARY CORPORATION

SUNBEAM AIR CONDITIONING
THE FOX FURNACE COMPANY · ELYRIA, OHIO

Send me your new free booklet on Sunbeam Air Conditioning for ☐ my present home ☐ for a new home.

*Name*____________________
*Address*____________________
*City*__________ *State*__________ A. H. 7-36



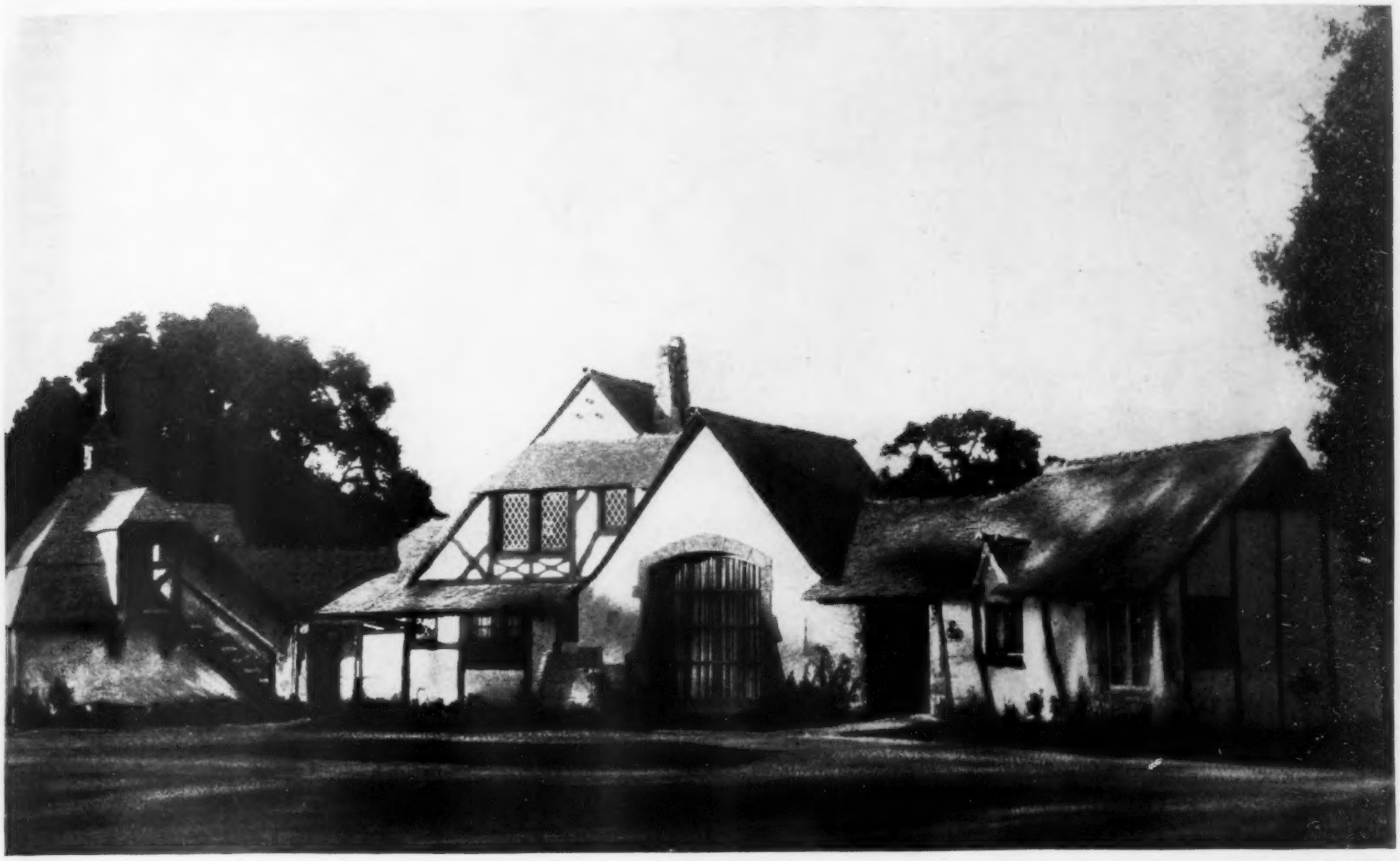
Sweet peas cut with long stems

Rose Bowl by Universal

A gay Tin cart with miniature pots

Succulents in pots for Tray or wicker basket

LIKE PEOPLE, HOUSES MIGRATE



With mellowed plaster walls, weathered bricks and stones, low roof line, and roof of shingles laid to simulate a thatched effect, this house—the home of Mr. and Mrs. Harry East Miller—suggests far away Normandy though it is located not far from the hills of San Francisco in Atherton, California

EDNA HOLROYD

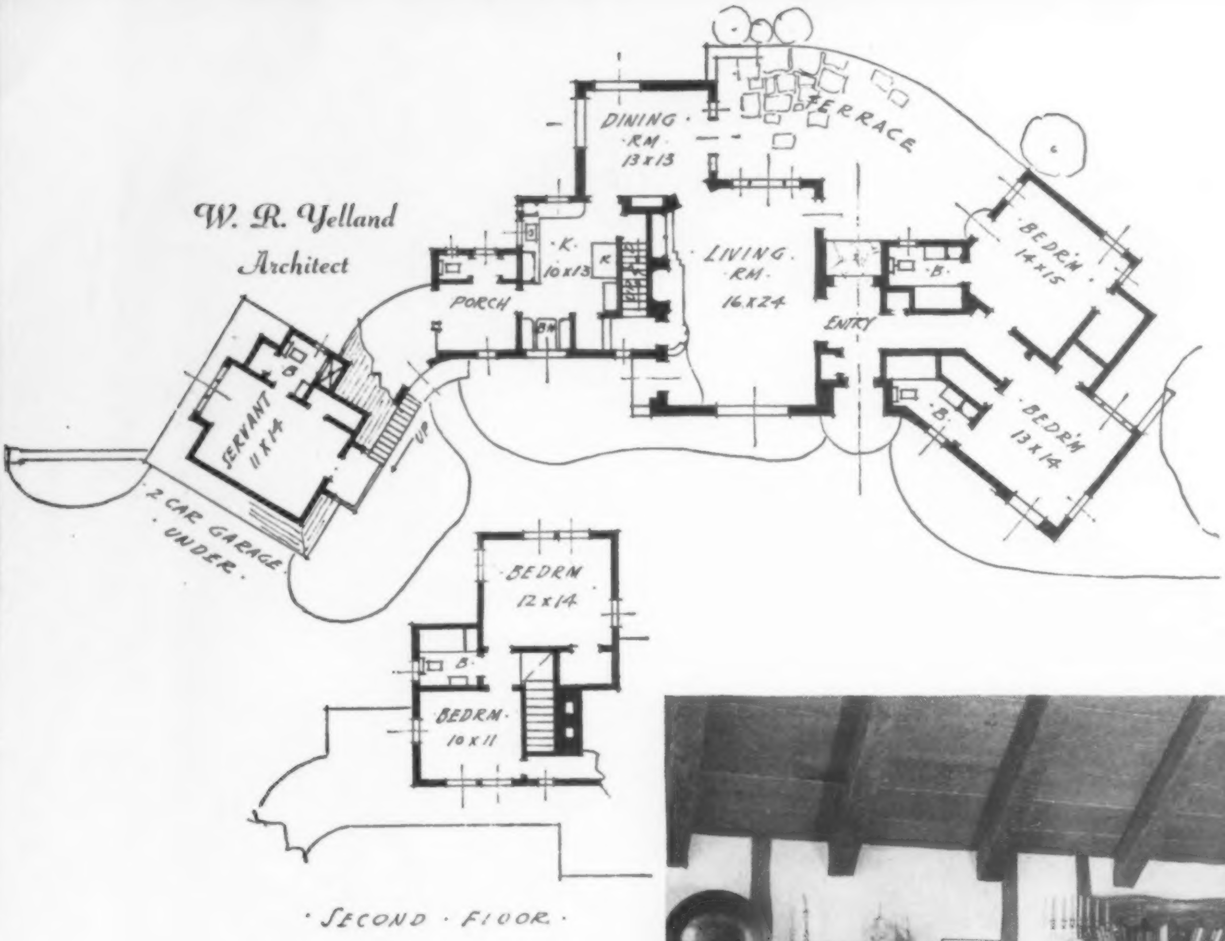
Not far from the hills of San Francisco the country opens into the warm, spacious area of the peninsula. Here, in spite of the increasing march of newcomers, may still be found broad open fields studded with fine oaks. It is an ideal home for those who desire the relaxation that life in a busy city cannot give—a truly delightful retreat.

With those vast fields before you, the sea a few miles beyond sending sometimes the welcome soft, cool fogs, you might easily imagine yourself in Brittany or Normandy. Across the yellow stubble might ring the bells of ancient churches, and under the oaks might gather peasants for a Pardon at Plougastel or a fête at Coutances. Owners, Mr. and Mrs. Harry East Miller, and architect felt that an old-world house was required here, and brought to its making old weathered bricks, stones, and materials that appear as though farm workers might have gathered them to fashion a home. The plaster has been mellowed with colors. The roof line is low, suggestive of the spreading fields, and the roof itself is a thick generous layer of shingles placed with the appearance of thatch.

As the pictured plan indicates, the house was designed for the generous and easy living that we like to think is characteristic of the West. Opening the front door you look across the hallway straight through to a great expanse of paved terrace. To the right you see two bedrooms that are of modest area but ample and comfortable, with bathrooms and closets. Going to the left under a bricked and timbered opening (the timbers are twelve by twelves) you enter the living room, with a high ceiling of adzed wood, well lighted from both ends. There is a brick fireplace skirting a side of the room, and at one end you may go by a hearth step to a passageway to the kitchen or turn sharply to the right and ascend to the second floor. It is a rather informal arrangement that is in key with the house. At the far end of the living room, in the corner, is a passageway into the dining room that has red painted casement windows and walls of yellow.

Out of dining room and living room you may step to the terrace, a pleasant place for tea or cocktails or sun-bathing. This outdoor living room is practically on a level with the interior living room floor. Benches and couches, easily moved or rolled about, help

OPPOSITE: A graceful effect is produced by sweet peas cut with long stems and foliage; arranged by Mrs. Willard Helburn. Sedums in small pots provide variation. Both photographs by Antoinette Perrett. Charming and new table decorations are the flower globe from Universal Novelty Products Co. and the little tin flower cart from Irene Hayes, Inc.

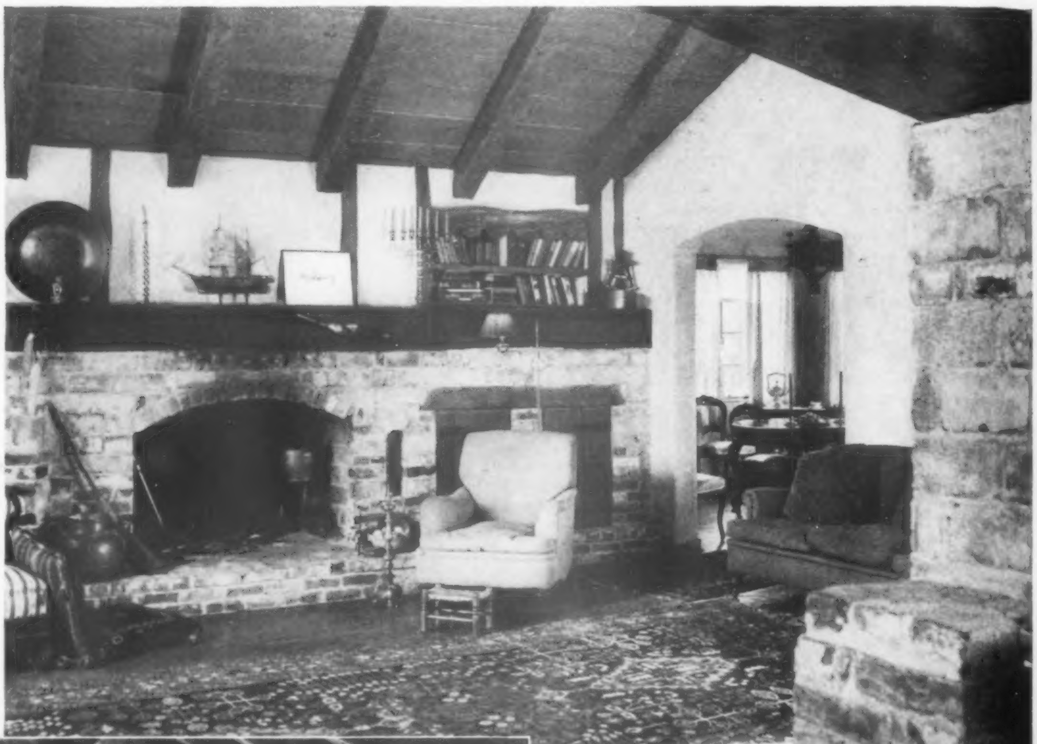


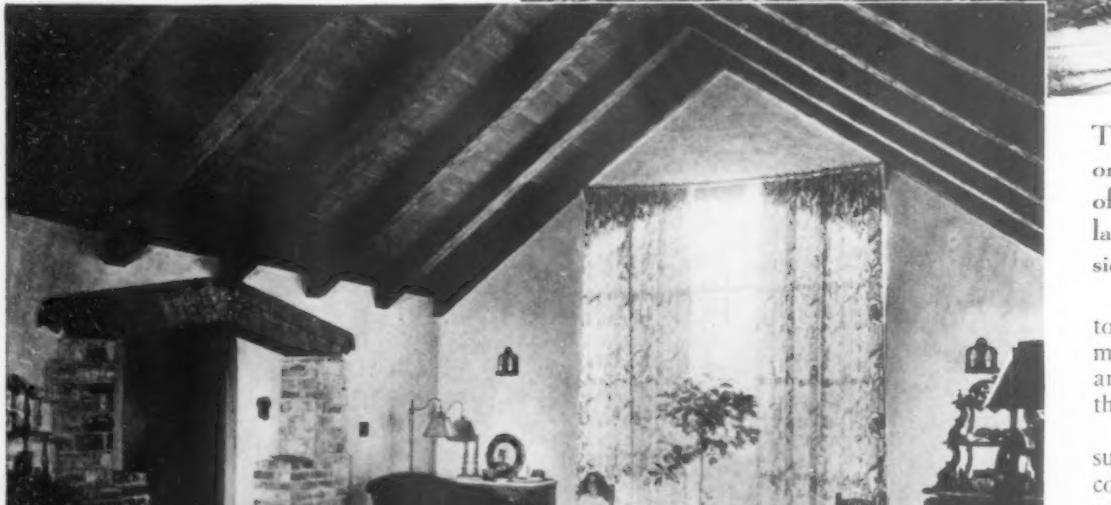
W. R. Yelland
Architect

The house was designed for the generous and easy living that is characteristic of the Western states. The curved layout suggests an intimate and unusual charm

to make this a much-lived-in part of the house. There is a splendid oak at the correct distance for convenient shade. Sunshine and shade are important features to be harnessed to a house, and for that reason there is a curve in this layout, and breaks here and there. The curve draws the house together and affords an intimate charm rather difficult to explain. Beyond the dining room appear the service units of the house that help to form the curve of the building and extend to the garage.

The garage houses two cars, and often a guest, for above it there is a bedroom with a bath. This is reached by an outside stair that has a painted vine along its warm plaster wall, with some purple painted grapes ripening in the sun. There are various uses for this bedroom set apart; it becomes easily a quiet studio or a place to shelter a hobby. All the bedrooms, in fact, are rather scattered about the house. There are two more and a bath to be found on the second floor about the middle of the building. This seems a good arrangement for a family of limited size with the maximum amount of week-end guests.





Through a brick and timbered doorway one enters the living room with its ceiling of adzed beams, massive windows, and large brick fireplace extending along one side of this spacious, hospitable room

Driving into the gates of Downdale at sunset time when the hills of the California coast range are spreading their blue shadow and the cool scents of evening are beginning to rise from the fields, the house seems altogether a part of the restful, lovely scene. From its topmost shingle and bit of carved beam end to the last decorative detail of fluffy kittens chasing their tails on the terrace, this house belongs to the spot where it has been built. Yet this Californian spot is but an adopted background, for surely this rambling house has migrated from across the sea where its ancestor may be found in the countryside of ancient Normandy.

The herbaceous garden of the connoisseur

Healy

The most showy, most floriferous of the hardy low creeping perennials for the rock garden are found in the varieties of our Moss Phlox; white, rose, pink, lilac in a varying range of beautiful shades. The white forms are best adapted to acid soil

STEPHEN F. HAMBLIN

PERHAPS the most showy perennial for May in our northern states in border, rock garden, or the sunny fields is Moss Phlox (Phlox subulata). No plant rivals it in the intensity of its mass of color; and, with the yellow of the perennial Alyssum it makes a perfect foreground for groups of Tulips and Daffodils. This is an American plant, ranging from western New England to Michigan and Florida, and it is frequently seen in its wild magenta form growing in the grasses of dry fields and cemeteries. It has increased under the ministrations of man and changed greatly from its wild form. The petals may be wide and rounded, or narrow and deeply split; in color from purple to pink and red, lilac, blue, and white. In habit and foliage there is little difference, as a rule, and always the leaves are prickly to the touch (the Latin subulata means an awl), in this respect very different from most other dwarf species. Some forty named varieties are listed, of which perhaps a half are in dealers' catalogues, but many good European seedlings are not yet in this the plant's native country. Instead of the common magenta form, which I can see a-plenty anywhere, what are the best named forms of each of the chief colors?

The white forms are especially desirable to set off the colors of other flowers of this month, and the mass of this flower is better than the mass of Arabis or Iberis and other whites of this season. In the wild, some flowers are white, usually the clusters small and the petals narrow, and not as showy as the better named forms. First place goes to the form Snow, a name not yet common in the trade, with the advantage that the petals are wide and rounded, overlapping, much like the flower of the Garden Phlox of summer. This offers an unbroken sheet of whiteness far more striking than the older white forms with narrow or split petals. The form, The Bride, may be the same as Snow, but the petals are not as wide, and there is a touch of color in the eye of the flower, while Nelsoni has a definite pink ring in the eye of the flower. This tiny dab of pink does not affect the whiteness at a distance, and does add interest when seen close at hand. But in other seedlings the eye begins to take wider areas of the petals, and the flower color then classes as pale pink (especially as the flowers grow old). The best white, then, has wide rounded petals with but the faintest color (pink or yellow) in the eye. All the white and light forms are very fragrant and grow well in more moist and acid soils than preferred by the dark color forms. Also, the darker the color the more the plant demands full sun.

The range of pink forms is very great, from rosy ivory to violet-pink and deep rose. Many good seedlings as yet have no special names. The best pale pink that dealers offer has the name of Apple Blossom, save that, like the blossoms of apple trees, the pink is in several shades (as sent to me). But it is a soft pale pink, not as glaring as the rose of Daisy Hill and Bijou Rose. The climax of this color is in Vivid, a plant well named, for the color is a vivid rose of peculiar intensity. It kills the color of every other pink form of Moss Phlox near it. Also it is a short-stemmed plant, making tight tufts and does not run rapidly over the soil as do many of the varieties. This dwarf habit is an advantage in small rock gardens, but the plant is handicapped when mixed with other varieties and it cannot compete with the robust perennials of a mixed border. By its density of growth and intensity of color it is easily distinguished from its sister forms. It is best to use it with caution.

Of pale purples and violets there are several, and the old wild magenta form is no more needed. Alice Wilson is a violet-pink, but better than the wild type. Newry Seedling is light mauve and Sensation is purplish rose. These have wider petals than the old forms, and when they begin to bloom they are distinct shades of color, but as the flowers fade in age the effect is much as the old wild kind. There is no necessity of naming more of these purpled seedlings. Yet we like these colors in Aubrietia, a plant far less easy to grow and blooming with less amount of color per plant. If you wish a battle of colors, mix the seedlings of Aubrietia and this Phlox in a rock garden. But the white forms of Phlox set off well the bright colors of the Aubrietia.

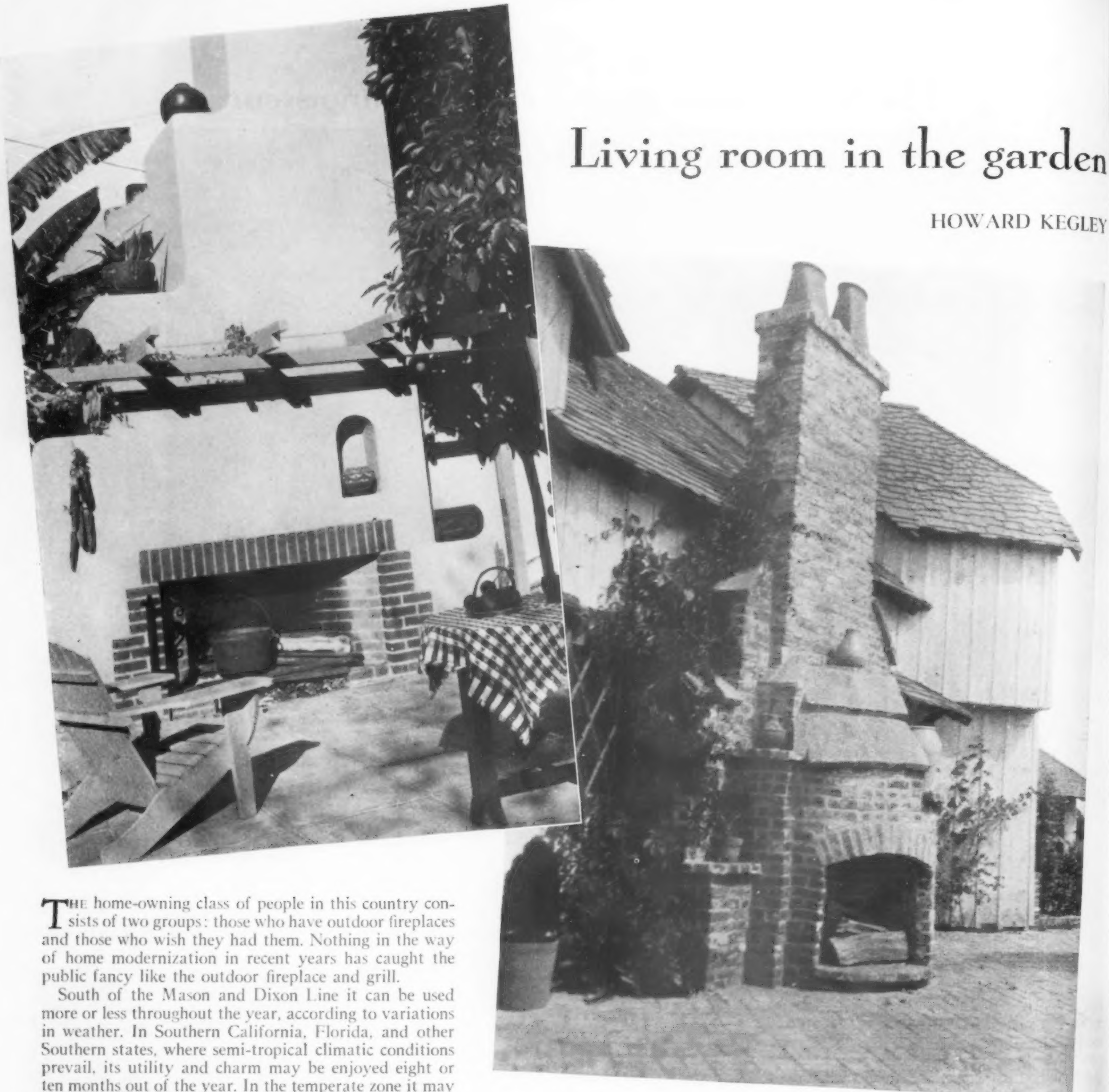
The deep red tones of this plant are not yet well represented, for the crimson shades of the tall Garden Phlox are not with us yet. The darkest red of old gardens was Atropurpurea, still seen and at times sold by dealers, the petals narrow, star-like, a deep red-purple with crimson eye. A better seedling is Rochester, not quite as dark red in color, but the petals wider, and a more heavy bloomer. A clear cardinal red would be a treasure indeed, for red is rare in the dwarf perennials of May, except in troublesome Aubrietia.

The other extreme of color from the original magenta is pure blue. A start in this direction has been made. A pale lilac mauve is

[Please turn to page 72]

Living room in the garden

HOWARD KEGLEY



Outdoor living room fireplace in a brick-paved patio at Laguna Beach, Calif, reveals the charm of rough brick construction from planned designed to fit type of architecture. Top: A view of another outdoor living room at Los Angeles shows effectiveness of stepping up the construction at one side to accommodate the plants in Indian bowls. Lights along pergola beam illuminate the garden

THE home-owning class of people in this country consists of two groups: those who have outdoor fireplaces and those who wish they had them. Nothing in the way of home modernization in recent years has caught the public fancy like the outdoor fireplace and grill.

South of the Mason and Dixon Line it can be used more or less throughout the year, according to variations in weather. In Southern California, Florida, and other Southern states, where semi-tropical climatic conditions prevail, its utility and charm may be enjoyed eight or ten months out of the year. In the temperate zone it may be used about half the year. In the Missouri, Mississippi, and Ohio valleys it enables the family to get away from the sweltering indoor dining room for all three meals of the day a considerable portion of the time, affording more fresh air for those who spend a substantial part of each day in stuffy offices, under artificial light. In health benefit alone to the average family the outdoor grill, with facilities for serving meals, is worth whatever it costs, and the price may be made to fit the pocketbook of the home-owner. One eats more leisurely out in the open air, where hearty laughter fills the lungs with oxygen, and vagrant breezes relax the nerve tension of a workaday world.

The real way to build an outdoor fireplace and grill is to go ahead and build it. A certain couple of my acquaintance saved magazine pictures of outdoor living rooms for years, until they had thirty or forty, intending to combine the best features of several into one, and never actually getting down to the task until many years had elapsed.

Then they found, to their chagrin, that none of the pictures embodied anything desirable in their mind's eye other than that each had a place in which to build a fire and a place where smoke came out. So they got out pencil and paper and drew pictures until they finally evolved their idea of what fitted their own particular requirements, and the finished product was thoroughly satisfying in every respect.

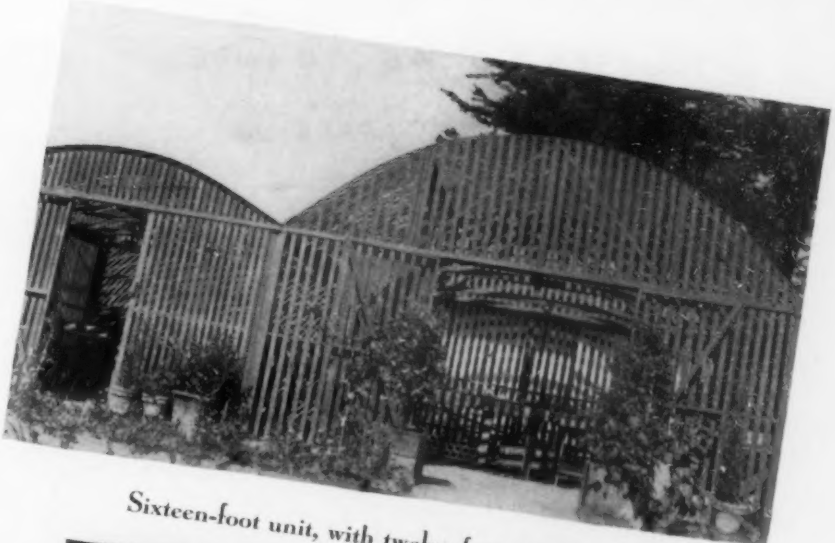
If you reside in the country it makes no difference what sort of working plan you have, for the public safety and fire hazard problems are your own, but if you dwell in a city having building restrictions, you may have to engage an architect to work out some sort of plan which will meet building ordinance requirements.

The two things to which especial care should be given are the matter of having the throat of the firebox built in such a way that it will draw in all kinds of weather, and the matter of providing sufficient flue space to prevent smothering of the fire. Any bricklayer can tell you he can build a fireplace that will not smoke, but you will do well to look over and inquire into a few of his jobs which have been in service for several years and ascertain if they have given satisfaction. The fireplace flue should be at least one fifth the size of the firebox. If the firebox is two feet deep and five feet across the mouth, the flue should be one foot square, and it ought to be lined. The barbecue or charcoal grill may be built at the end of the fireplace superstructure, and its flue should run parallel with but separate from that of the fireplace proper.

[*Please turn to page 67*]

A SLAT HOUSE
more than pays for itself

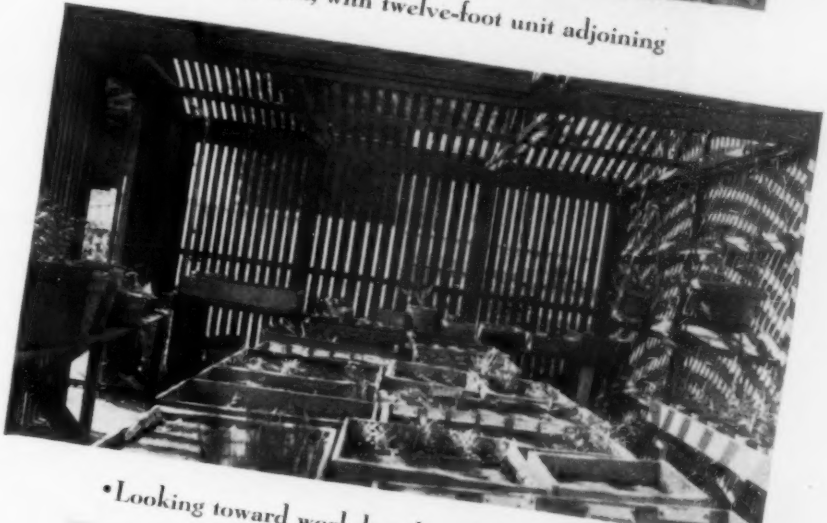
The idea that a slat house is only needed in a very large garden, or in one where plants are raised professionally, is about as logical as to say that a washing machine is only needed in a hotel or a professional laundry. Anything that saves time and labor, and secures better results, is a necessity in the economy of the present day. Ours cost less than $15—A. H. CARTER


Sixteen-foot unit, with twelve-foot unit adjoining

WE WERE driven to the use of a slat house in our own moderate sized suburban garden by poor success in starting young plants in coldframes. Since we have discovered the ease and convenience of growing our seedlings and cuttings in a slat house, and have found how much more vigorous a start in life is given the plants in this way, we would not be without one for many times its small cost.

The slat house need not be large. We used the unit principle, which permits enlargement as it is needed, and we built our house in sections so that, if necessary, it might be quickly taken down and put up again in another spot, or even loaded on a truck and moved to an altogether new location with a minimum of trouble.

Our first unit, which we made twelve feet square and six feet eight inches high (somewhat higher in the middle arch), gave us such good results that we soon added a second section, sixteen feet wide and twelve feet deep, opening into the first section, with the slats spaced a little farther apart, so that we might obtain just the amount of sun and shade desired. We are starting to build a third unit, which will balance the elevation of the house and improve its appearance. Later we may add sections in the rear if we should happen to need them. After the


•Looking toward work bench and sink for watering

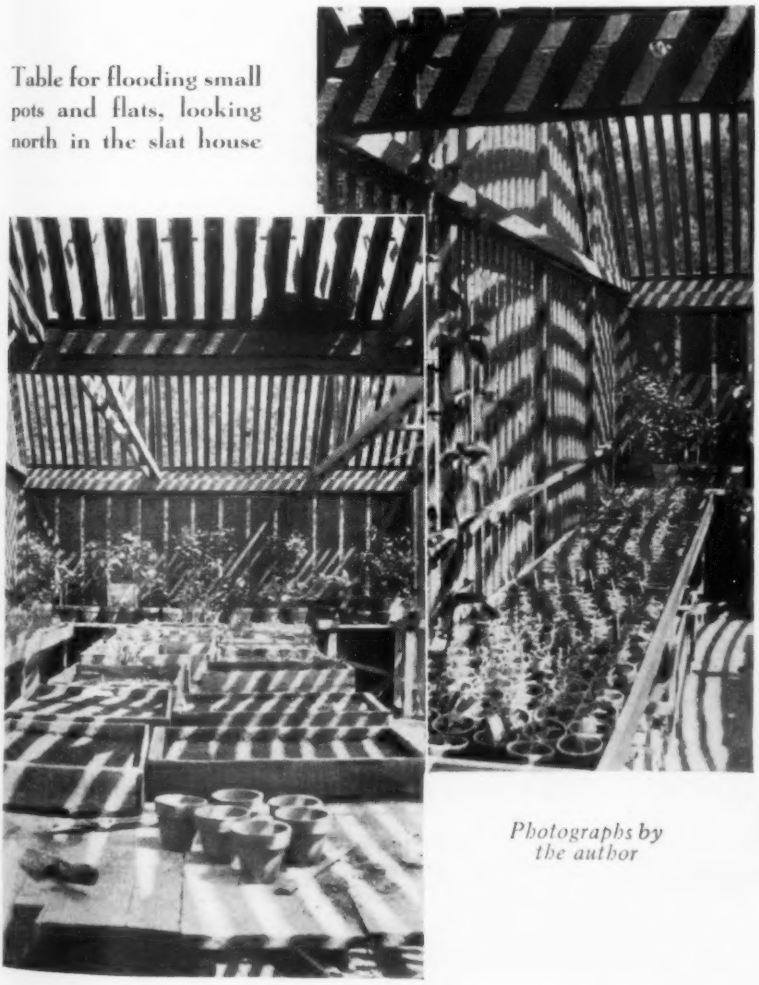
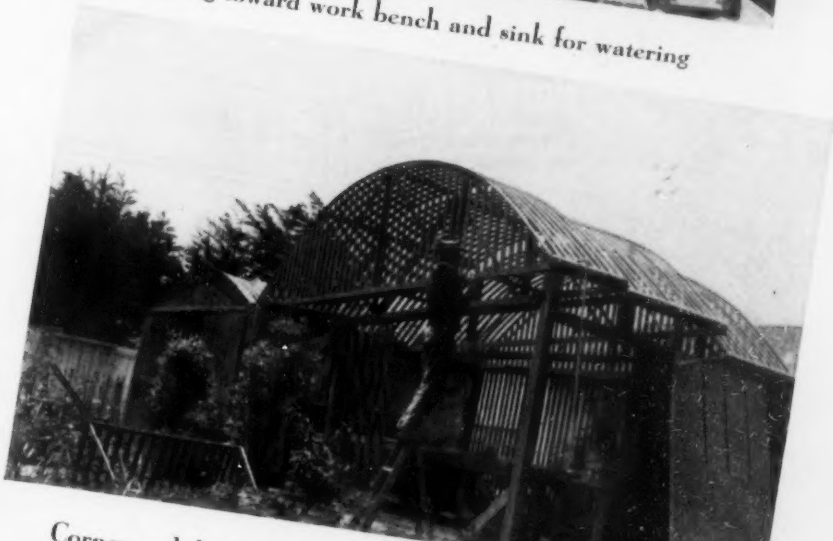
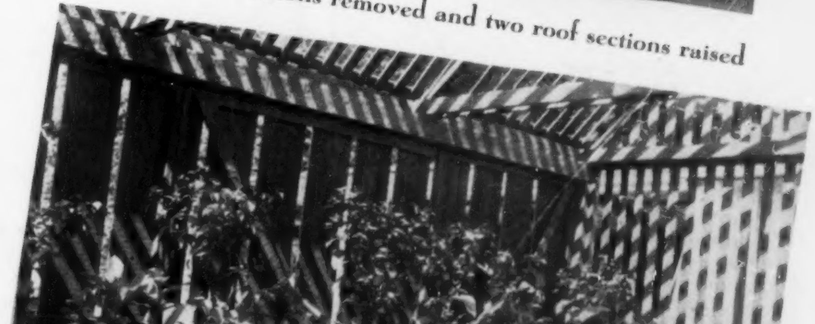


Table for flooding small pots and flats, looking north in the slat house


Corner and door sections removed and two roof sections raised



Photographs by the author

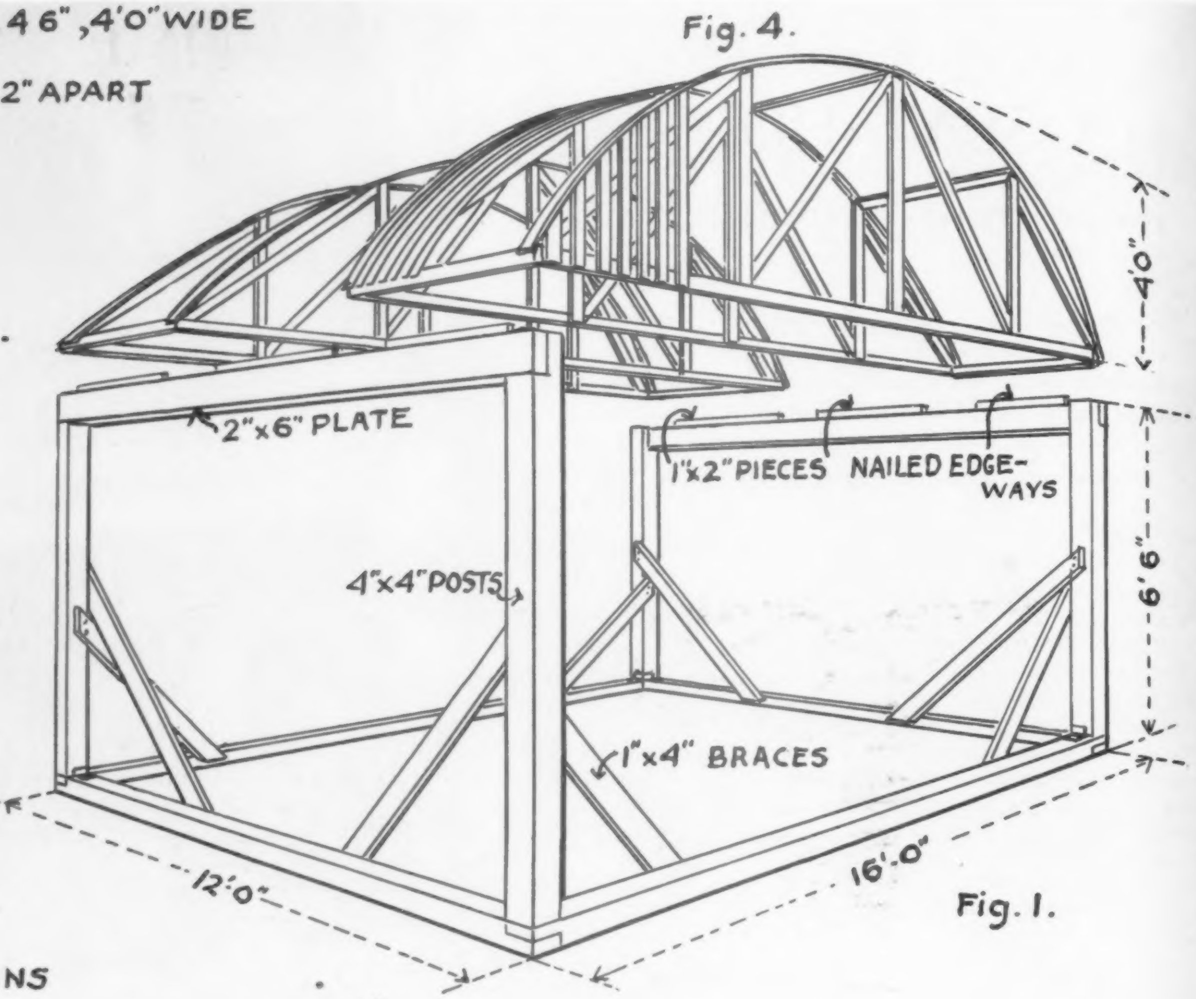
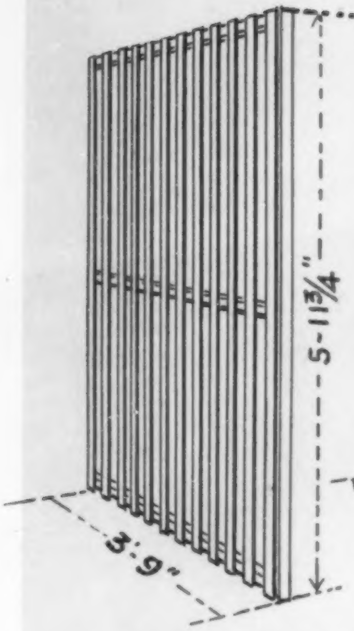

TRUSSES 3'6", 4 6", 4'0" WIDE
FRAMES 1"x2"
SLATS ½"x 2", 2" APART
4'0"
2"x6" PLATE
1"x2" PIECES NAILED EDGEWAYS
6'6"
4"x4" POSTS
1"x4" BRACES
12'0"
16'0"

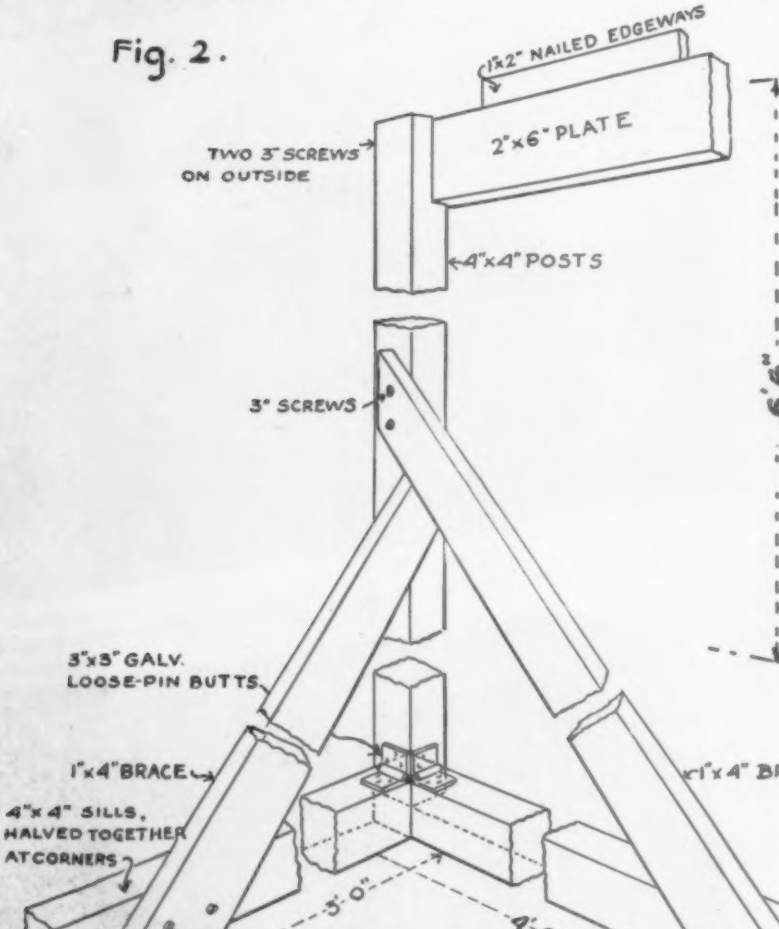
Fig. 4.

Fig. 1.

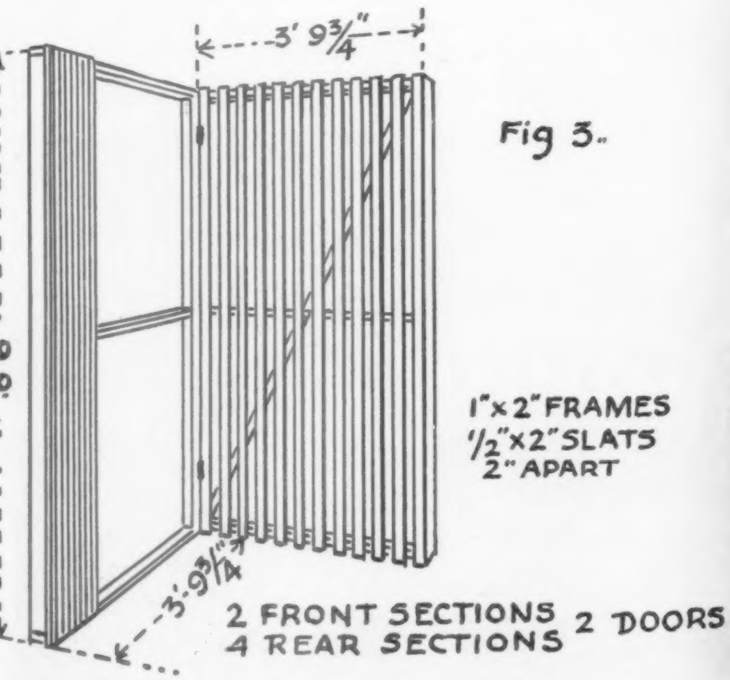


6 SIDE SECTIONS

Fig. 2.


1"x2" NAILED EDGEWAYS
2"x6" PLATE
TWO 3" SCREWS ON OUTSIDE
4"x4" POSTS
3" SCREWS
3"x3" GALV. LOOSE-PIN BUTTS
1"x4" BRACE
1"x4" BRACE
4"x 4" SILLS, HALVED TOGETHER AT CORNERS
3'0"
4'0"
3" SCREWS

DETAIL OF CORNER FRAMING
Fig. 5


3' 9¾"
6'6"
3'9¾"
1"x2" FRAMES
½"x2" SLATS
2" APART

2 FRONT SECTIONS
4 REAR SECTIONS 2 DOORS

Fig 3.

first unit has been built, the labor and material necessary for additions is much less, since one side of the new part opens into the section already built, and the portable side of the first house is moved to form the outside of the next one.

The construction is light and inexpensive, yet quite rigid, so that heavy winds can not shake it. Most of the work on our slat house was done by ourselves, a man, and a boy, at odd times, as no expert carpentry was required, and the parts were finally assembled. The simple frame was made, put in place, and the sills leveled. (Figure 1.) The roof sections were built on the ground and lifted into place on the plates; the frames were

[*Please turn to page* 77]

EATING OUT AT HOME

Sidewalk cafés blossom on every city street; picnic tables spread along our highways; hamburgers and "red-hots" in Iowa; lobster sandwiches in Maine; the whole country is agog with eating out away from home. Why does it never occur to us, for a change, to try eating out at home?

GRACE E. CHAFFEE

When we built our Cape Cod cottage five years ago we planned to extend the intimacy and informality of the house out-of-doors and designed the garden at the rear to serve as supplementary living and dining quarters. And now, on the very first spring day dressed in sweaters and slacks we are out carrying our breakfast trays to the corner where the scillas show a bit of blue in the thin yellow light. And, in the fall, our steaks sizzle on the spit before a fire whose smoke drifts up through the gold of the honey locust down by the old creek bed. Even in winter, we munch a slow sandwich on a four-legged stool and watch the cardinals and blue jays quarrel over the sunflower seed in the feeding trays. And always, if it is too cold to eat out-of-doors, we can draw a table to the window and lose ourselves in the changing pageant of snowfall and tree-line. Sometimes we wonder why we ever included a dining room in our building plans at all.

The location and contour of the building site aided our purpose. Screened from the street by the bulk of the house and side yard planting; protected on one side by the garage wing and on the other by a high hedge of flowering shrubs; completely closed off at the rear by a wooded ravine down which log steps descend to the bridge at the bottom, the garden scarcely needed the addition of the white picket fence to make it completely private. The different levels of the lot yielded any number of secluded retreats for lounging and dining.

Besides furnishing a separate place and a table setting for every month, our garden offers one for every mood

A solitary cup of tea enjoyed in a deck chair at the end of a path where one can watch the quail and wood thrush picking their way in and about the ferns

as well. From the solitary cup of tea enjoyed in the deck chair at the end of the graveled path where one can lie on a spring day and watch the quail and wood thrush picking their way about in the ferns, to a table set for six on the porch in the cool of a summer's evening, one may take one's choice. Or perhaps it is to be tea for two in organdies and garden hats at the foot of the stone terrace steps. Pink Polyantha Roses against the dark green of Hemlock are the proper background here, and if it is June, Paul's Scarlet Pillar Rose on the garage wall adds his brilliant note. The stone seat under the brow of the ravine is just the place for an informal mug of iced coffee and a cigarette on a hot morning. But, best of all, we like the breakfasts under the pergola that shades the terrace at the back of the house. Red tablecloth and napkins come up from a cupboard in the basement; coffee percolator and toaster are plugged into the electric outlets on the white brick wall; bacon and eggs, jam, and orange juice appear on a tray from the kitchen up above, and we are ready. Long clusters of purple wisteria swing over our heads. A humming bird darts distractedly from white Lilac to coral Bush-honeysuckle, uncertain which may be the sweeter. Chipmunks run about looking for crumbs, and our own Jenny Wren almost bursts her throat to welcome us. A breakfast such as this should be eaten at the end and not at the beginning of a busy day.

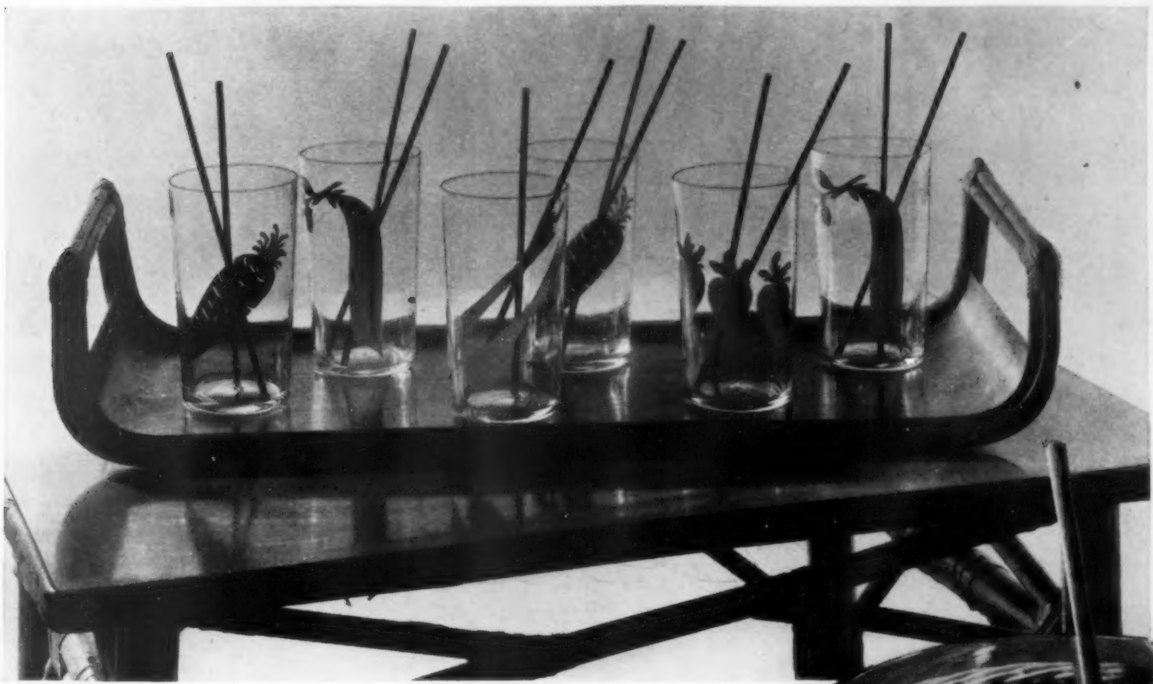
Because our house is entirely Early American from its low spreading roof line to its green painted door, and is filled to overflowing with old china and glass, pewter and homespun linen, we set our outdoor tables from a wide variety of table gear belonging to that period. Bennington, of course, sets the breakfast under the pergola with coffee from heavy brown mugs and cigarettes in little old Toby jugs. Beebalm and Coreopsis and Cornflower spill their yellow spice from the mottled milk dish in the middle of the sawbuck table. On the tea table, the Sheffield pot demands its own complement of creamy Wedgwood and lacy Sandwich and the tiniest of red, white, and blue bouquets in an old footed salt. Or if we draw a white coffee table out onto the wide sweep of lawn to catch the first

[*Please turn to page 64*]

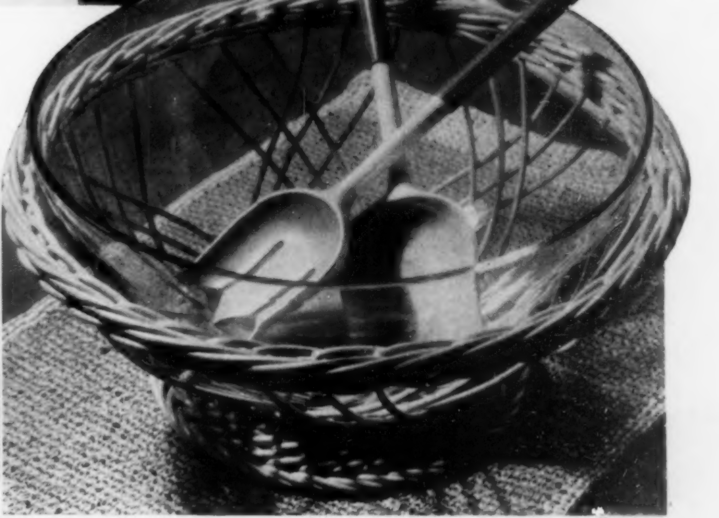
A stone seat under the brow of the ravine for an informal mug of iced coffee on a hot morning, or tea for two in organdies and garden hats on the lawn

Photographs by
Frederick W. Kent

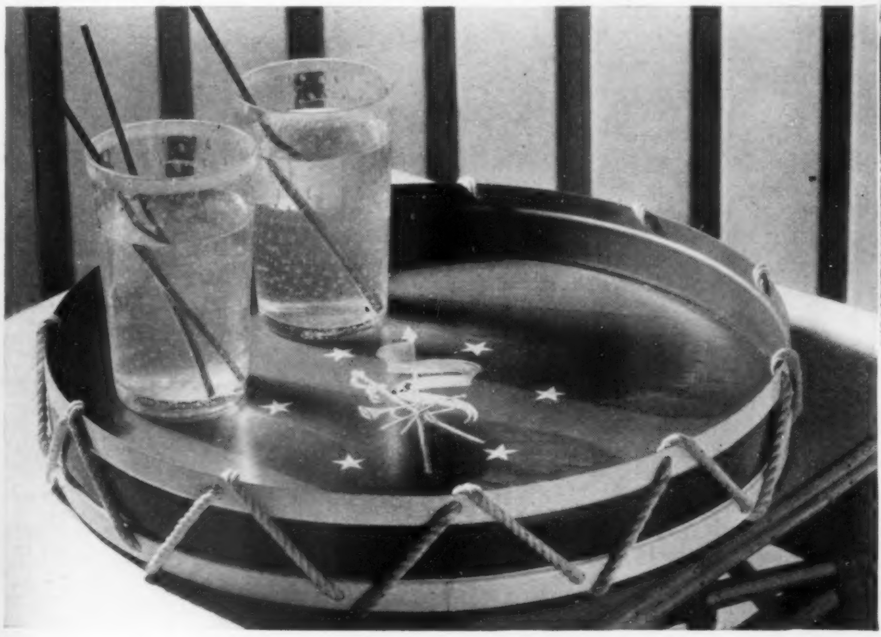
—to make outdoor eating more amusing



A satin-finished sheet of brass framed and bound in bamboo makes a summery tray for plates of sandwiches, or tall glasses or even assorted cold cuts. Russel Wright, Inc. has it. The glasses, with vegetable designs—Pitt Petri. Crystal salad or berry bowl—Marjorie E. Ashford

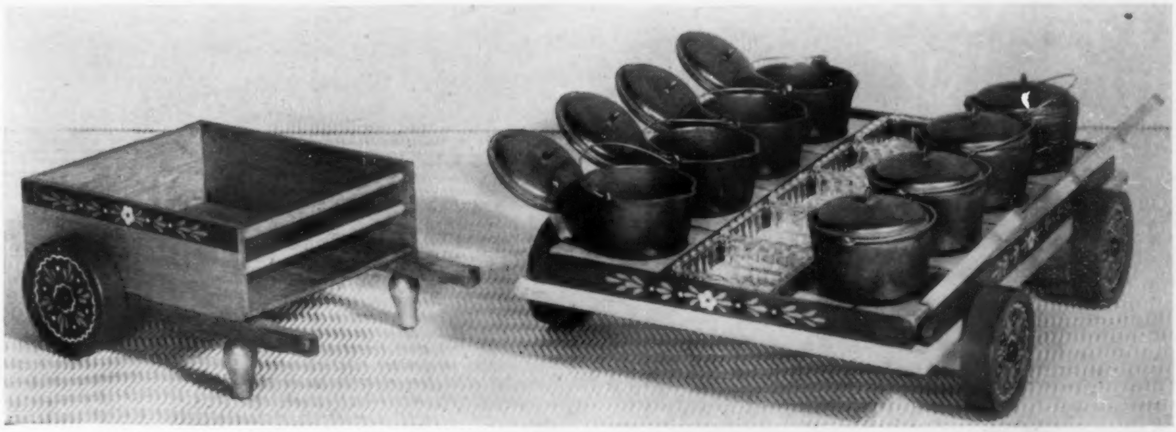


Demarest



SOMETHING old—but chiefly new, something *different*, something blue. This prescription is not for the June bride, but for the July or August day when there is just nothing to do about it but move your meals out of doors, and to eat them with as many of the amusing new accessories as your menu can provide excuses for! On these pages are just a few of the refreshing and entertaining accessories which will make summer meals just twice as appetizing!

The drum tray is gay in itself and is infinitely useful in serving out of doors. Marjorie E. Ashford. The "hot pot wagon" for individual onion soups or baked beans is an especially amusing novelty, and with it goes a wheelbarrow for bread and rolls. The Party Mart



Below, wooden-handled coffee pitcher of colorful pottery, the perfect thing for out-of-door serving. It is from Pacific Clay Potteries

A French baking pan makes a perfect tray for the individual breakfast served on the terrace. Tray, coffee pot, and ramekin are metal; the other pieces brown and white pottery. Wanamaker's

Right: Hurricane candlestick with metal base, from Dennison's; and, below, wrought iron furniture at remarkably low prices. The chair is only $15, the tables $19.50; William H. Jackson Company

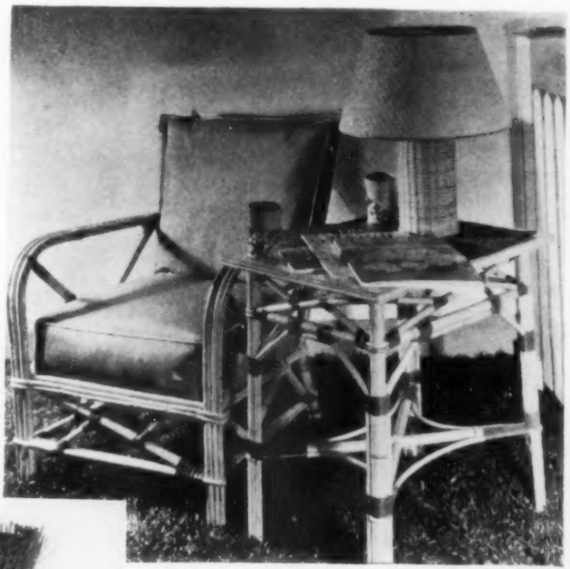
Above: Place mats, flower and glass holders in glorious tropical colors. Lewis P. Weil

Demarest

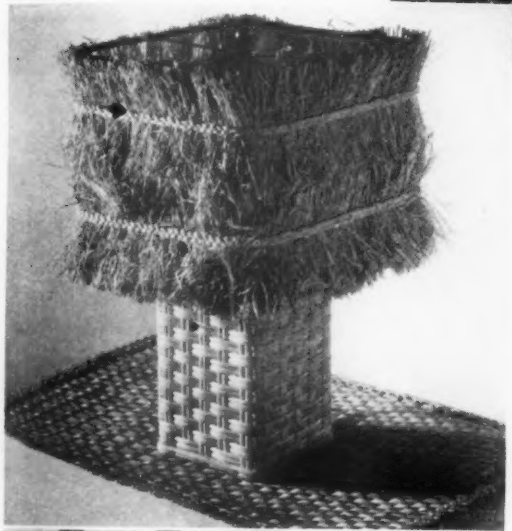
Metal is always cool looking and the aluminum-like metal tray and bowl are no exception. Designs match or contrast. Ovingtons'

—with porch comforts

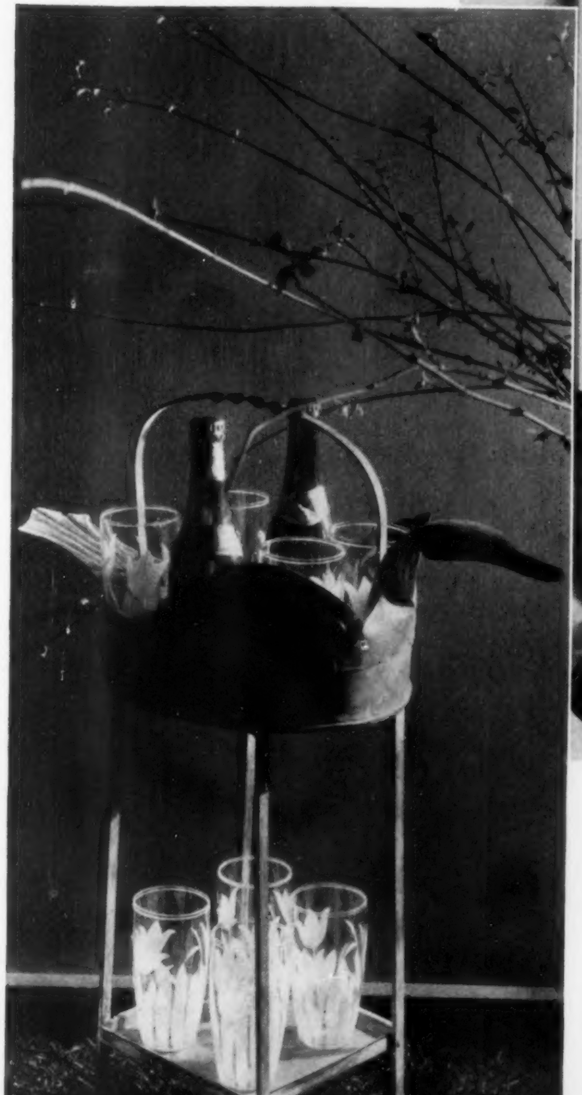
It's the little things that count—and make big things harmonious! Witness the delightful grouping, in our photograph, for the porch or terrace that is really an out-of-door living room. To go with the comfortable reed furniture there are wicker reading lamps, round or square, with plain or "South Sea" shades, and similarly tropical mats and glass holders in gay colors. Furniture, Bielecky Bros. Inc.; lamps, Mary Ryan; mats from Lewis P. Weil.

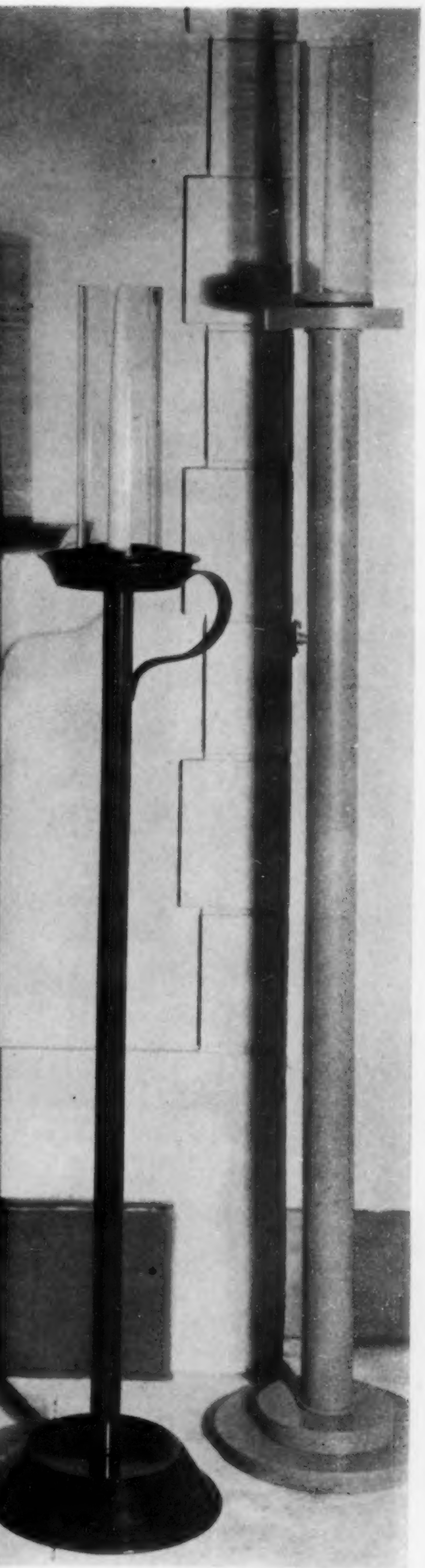


Demarest



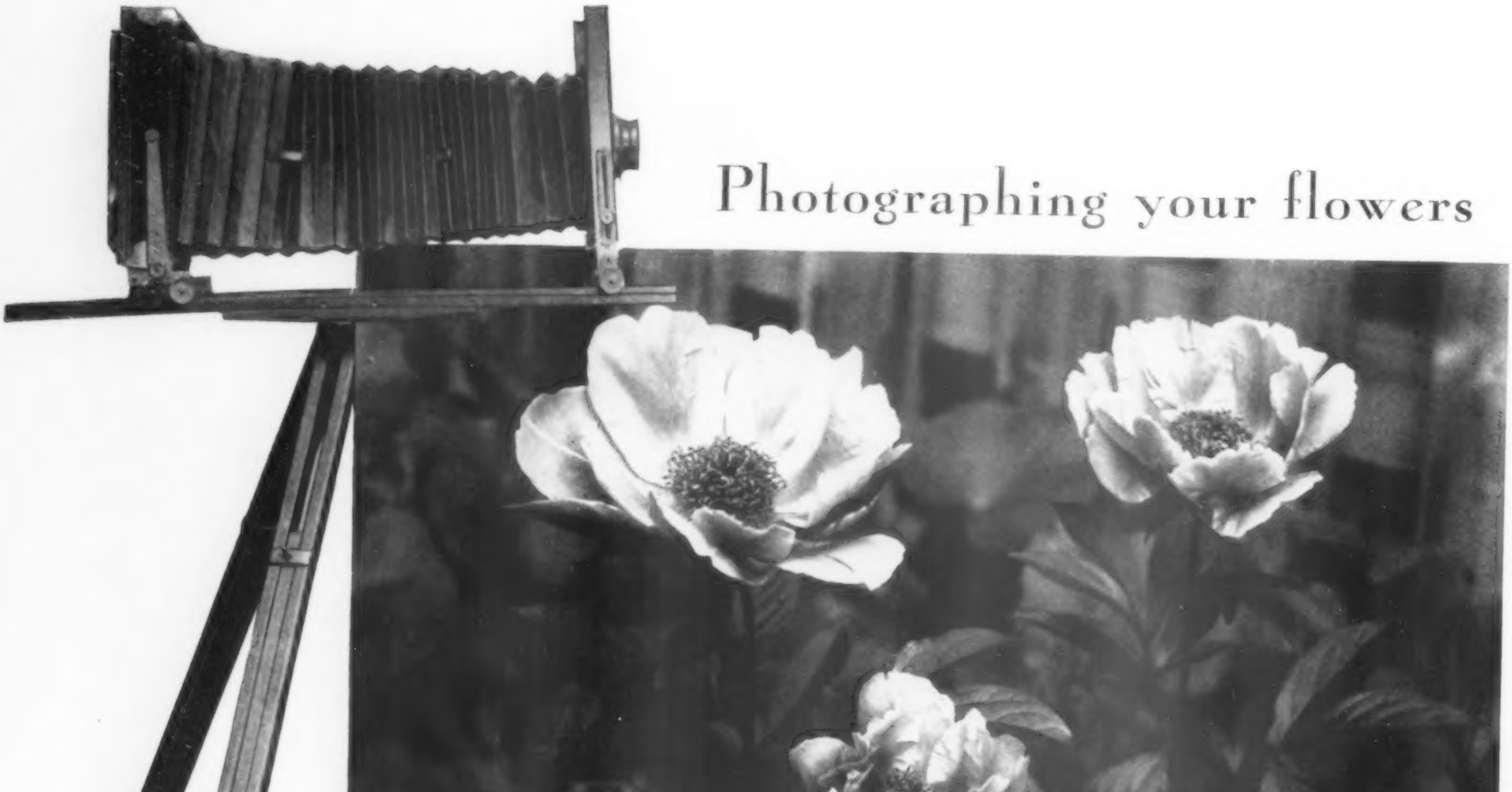
A folding iron stand and tray from Herman Kashins; Pacific pottery, Mrs. E. H. Coles





Tall, standing hurricane candlesticks are just the thing to light the supper table set on the porch of a summer evening. The shorter one is quite Colonial in feeling, the other modern; both are of metal in bright colors. Mary Ryan

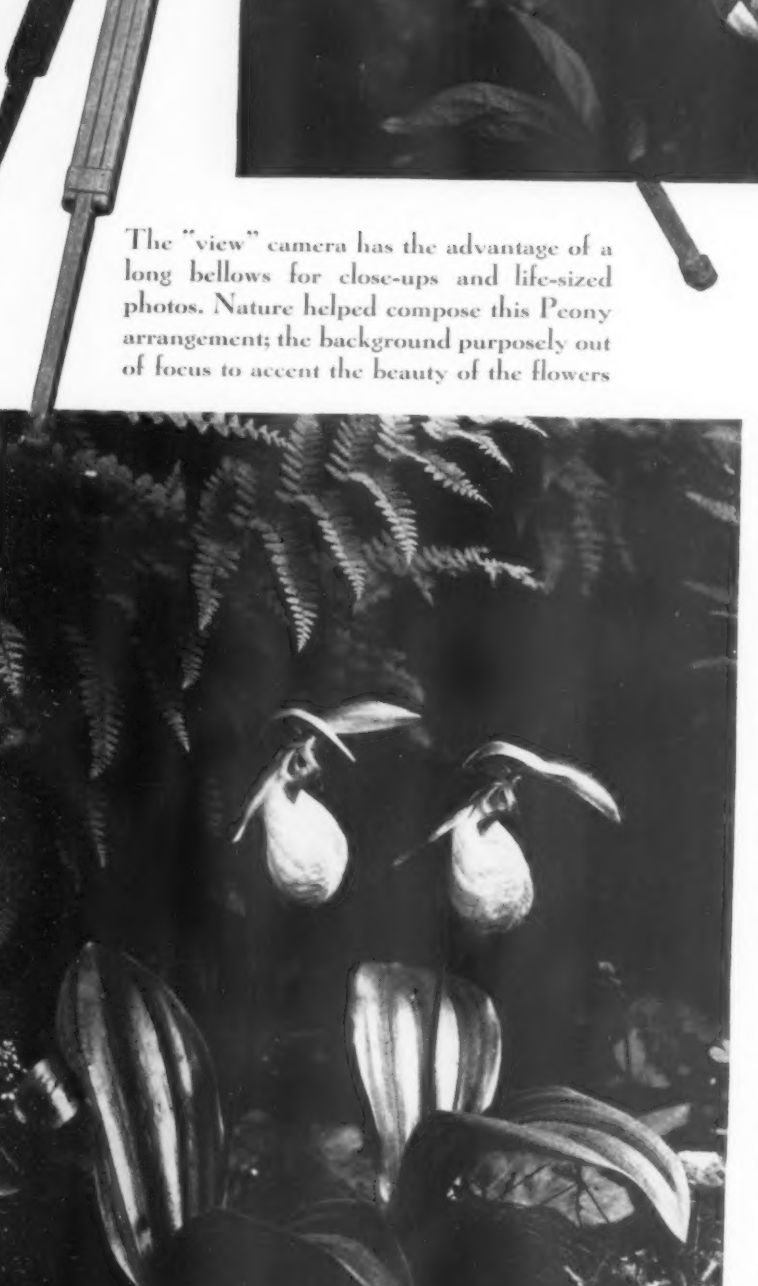
Both amusing and convenient is a little metal stand with the tray section divided off to hold glasses and bottles. W. & J. Sloane is featuring this one



Photographing your flowers

The "view" camera has the advantage of a long bellows for close-ups and life-sized photos. Nature helped compose this Peony arrangement; the background purposely out of focus to accent the beauty of the flowers

Story and photographs by H. J. VAN VALKENBURG



This picture of Cypripedium acaule was made with the camera placed on a low box, tipped slightly, with ferns bent down to help the composition

WHEN a flower grower finds in his garden a particularly fine specimen, or a specially artistic grouping, he naturally thinks of photography to preserve the event. The flower passes; the photograph becomes a permanent record of its loveliness.

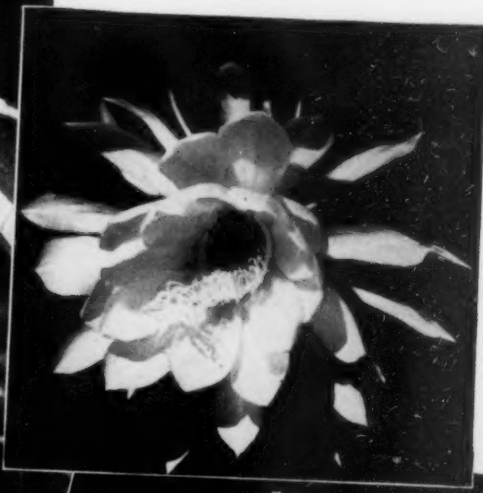
This coupled with the possibilities of the subject, led me into this kind of photography, and I set down here some of the things I have found out about it, by practice and experience, hoping that such hints and ideas as this article contains will be helpful to others. The practical side of the subject will receive the most attention, because the artistic side of it is up to the individual himself, and all that can be given in that direction will be merely hints.

In the first place, it seems to be a waste of time and energy to try to get really handsome results with the small hand cameras. You can never be sure of what you are going to get. Some very good general views of corners of gardens have been made with the small machines but for real pictures, close up, you should have a so-called "view" camera as shown in the illustration. This has a full-sized ground glass viewing panel, on which your picture shows up just the way it will look when finished. These cameras are inexpensive, easy to operate, and have the advantage over the small hand outfits of making it possible to get pictures of individual blossoms life size, in many cases.

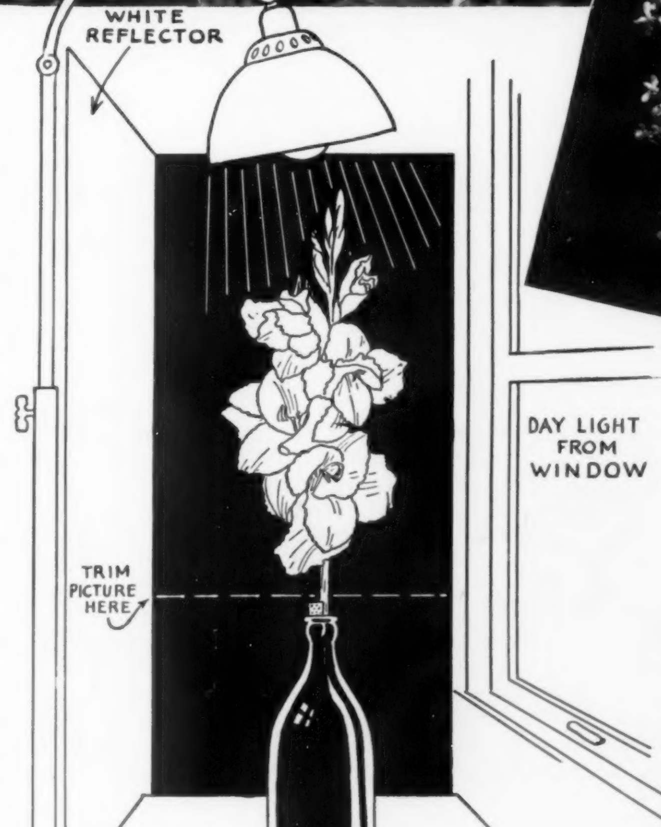
A 5x7 camera of this type is big enough to be practical. An 8x10 gives you a larger original image, but the 5x7 negative can be enlarged easily; this size is much lighter to carry into the woods should the wild flowers become part of your program.

As you will note in the illustration herewith, this camera has a long bellows. This is necessary for close-up work. A lens of eight-inch focus will require a bellows extension of sixteen inches to make a picture of a flower life size. Equipped with this camera and a good sturdy tripod, you can successfully photograph anything you want, indoors or outdoors

Leaves were left out here to get a close-up of the more interesting "Jack." The portrait of the Nightblooming Cereus was made at night with one spot light and white reflectors. Below: A good set-up for making flower portraits indoors. The cork in the neck of the bottle holds the flower in any position. For an orange or red flower use a white background



The camera reveals the marvelous beauty of a commonplace wayside weed—the Wild Carrot



When making pictures out of doors you cannot, of course, regulate the light. You have to use what is turned on, that particular day. Strong sunlight is not the very best light in which to make outdoor shots. A lightly clouded sky is better, but shoot your pictures when you can. Some will be better than others, and sooner or later you will hit upon just the right day, the right light, the right composition, and then you will have a picture of which you will be proud. When you look at exhibition pictures, you do not see the pictures that the exhibitor made but were never printed. Don't expect to bat one hundred per cent. But as you go along you will get enough good shots to make the going interesting.

I use orthochromatic films for most of the outdoor shots. This film gives very good rendering of the yellows and greens. That is, these colors will not show up too dark. If there are a lot of reds in the group, however, you will have to use a panchromatic film and perhaps a red color filter over the lens, or a yellow filter. This film and the color filter will lighten up the dark red flowers so they will appear bright in the picture, and contrast with the leaves. Without this combination of panchromatic film and color filter the reds will appear black, or nearly so. Unless you are confronted however by a mass of red or dark orange blossoms, use the orthochromatic film, because you can develop these films with a red light, and watch the development, whereas with the panchromatic film you cannot use any light at all. All the pictures shown with this article were made with the orthochromatic film which proved successful.

Now comes the composition and the correct exposure. The composition is up to you, but a hint or two will be of help, perhaps. When you decide you want a shot of a certain section of your garden set up the camera and focus on what you like. Then release the screw which holds the camera to the top of the tripod, just enough to allow the camera to swing freely. Slowly turn the camera on the tripod and watch on the ground-glass for the changes which take place in the composition. You may not use any of these pictures that turn up as you move the camera, but you will find out whether or not you are shooting at the best angle. The exposures vary so much, depending on the light and other factors that no rule can be given. They vary from a twenty-fifth of a second to a full second. If your picture is such that there is some distance between the flowers in the foreground and those at the back, it will be necessary to close up the diaphragm in the lens to bring everything in focus and sharp. Stopping down this way increases the exposure.

In photographing some of the low-growing things you will have to dispense with the tripod and set the camera on a box or on the camera's carrying case, to get low enough to the plant. The picture of the Ladyslipper, for instance, was made with the camera placed on a box about six inches high. This was tipped up slightly at the back to bring all of the plant into the picture. Overalls are indicated for this job, because you have to get down on the ground to see what you are doing. Focus as sharply as possible on the plant, then stop down the lens to bring all the plant in focus. Trim out any objectionable spears of grass which may show up in the picture and don't be afraid to bend ferns and other bits of foliage to suit yourself in composing the picture. An example of this is shown in the Ladyslipper with the fern across one corner. This fern showed very little in its natural position, but by bending it down into the picture it helped the composition by making a sort of frame for the flower. Do not try to get the background sharp. It is often more pleasing to let the background remain blurred and out of focus, accenting the plant you are photographing.

[Please turn to page 74]

The beautiful legends of Texas' wild flowers

JAN ISBELLE FORTUNE

The Lone Star State is now celebrating four centuries of progress and a hundred years of independence, and its exhibits of Texas flora recall the many charming legends grown up around its hundreds of beautiful wild flowers. Above: The Texas Bluebonnet; left: a Yucca and Nelumbo or Water Lotus

All night long the wails of the stricken people had risen from the dust-dry plains up to the hot, black, starless sky. All night long the medicine men and the priests had made sacrifices for the long denied blessing of rain.

But the gods were angry and refused to listen to their petitions. Dawn came, and the sun arose hot and golden, beating down mercilessly upon the vast concourse of tribes who knelt in the valley.

They were lean and emaciated, these people, bitten by drought, wracked with grave pestilence. The curse of the gods was laid heavy on their pueblos because of the great wickedness of their chieftain, who had strayed from the pious ways of his fathers, and brought a rebellious knee to their ancient altars. But the haughty chieftain sat in his lodge and hardened his heart against the pleadings of his priests, against the tears of his daughter that he turn again to the old ways for the sake of his tribes.

Noon passed, and the tortured people still cried out for mercy from the heat and drought and the sickness which afflicted them. The princess came at last and prostrated herself at her father's feet, her black hair spreading about her like a mantle, hiding the pitiful thinness of her little starved body in its bright blue cloak. Yet the chieftain would not yield.

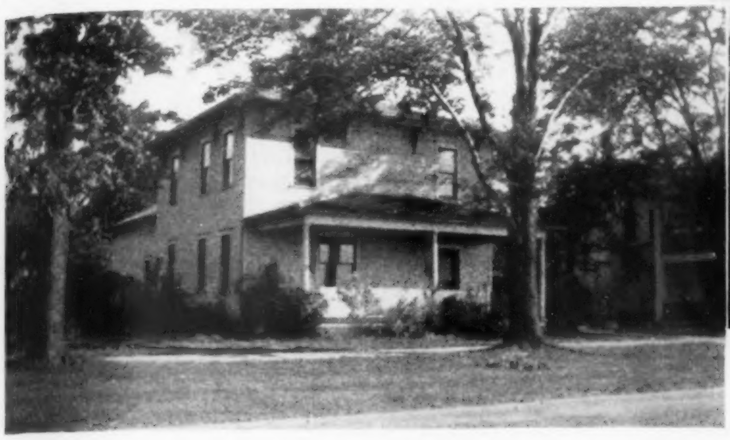
The maid put her blue bonnet about her black hair and went wearily out as the blood-red sun was setting. She walked down the barren valley by the dry bed of the river, and looked toward the hills for help. And thereupon a vision came to her.

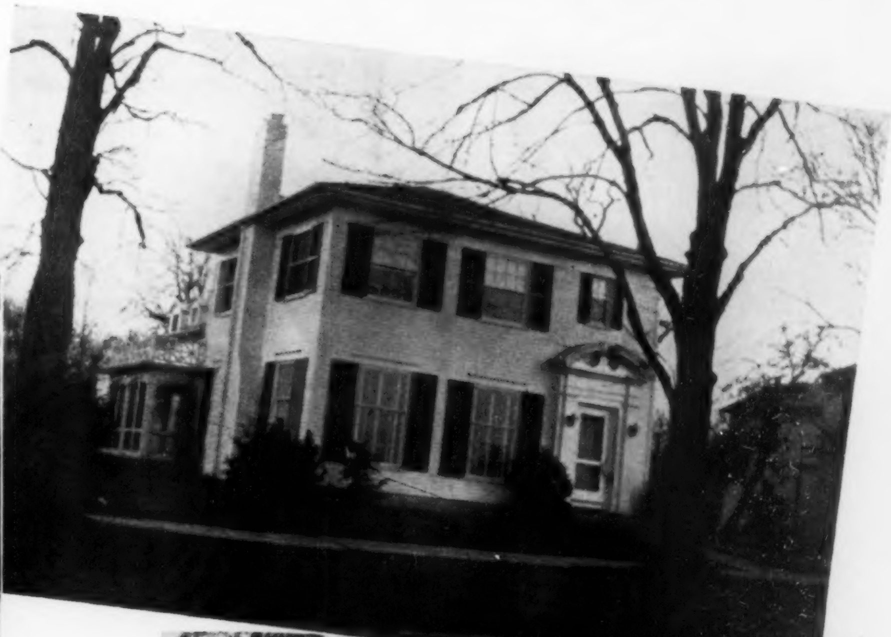
She set her small, moccasined feet on the high, hot trail and mounted upward slowly, for she was very weak. And here on the summit she knelt and lifted up her lovely face to the darkened skies and prayed. Her prayer was for her father, that he might be forgiven his great sin; for her people, that they might no longer be made to bear the burden of their chieftain's wickedness. All that night she petitioned the angry deities. All next day she poured out her prayer beneath the blinding sun's rays, and the wondering people in the valley saw her figure outlined against the hot, bright skies like a living cross.

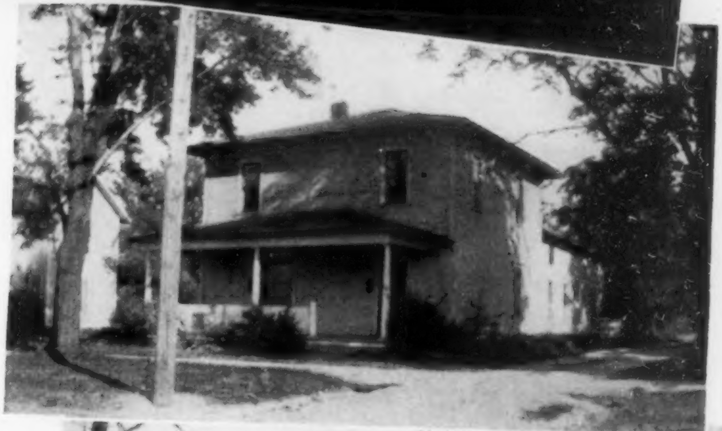
Dusk came and the spirit in her body began to flicker out. She was spent from a day and night without food or water. Death hovered near; but the gods were blind and would not see; they were deaf and would not hear. At

[*Please turn to page* 54]

Because of the facts that the site was desirable and the original house structurally sound, it was deemed a good investment to remodel this house even at the cost of $9,791







A shabby small town house takes on a new lease of life

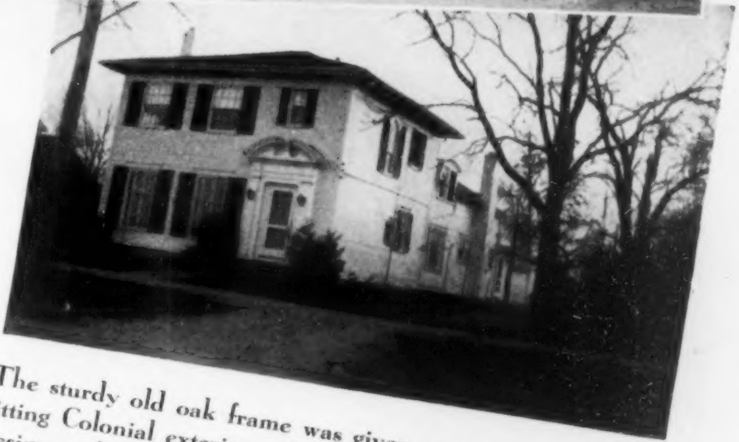
Home of Mr. and Mrs. O. B. Briggs
Perrysburg, Ohio

Although it will be realized at once from a study of the plans and the number of items on the cost sheet that this was a most complete and thorough alteration and modernization operation, you may question the wisdom of expending such an amount. But let us explain in detail the rather unusual and peculiar conditions which existed, and which after due consideration justified this operation in the minds of the owners and the architect.

The little village of Perrysburg, beautifully located on the south bank of the Maumee River, eleven miles from Toledo, has in the last few years become a very desirable and popular place for the younger generation from Toledo to establish homes. The older inhabitants, most of whom are retired farmers and property owners with large intermarried families, are comfortably well-to-do, and thus property values have not suffered during these past depression years. Moreover, the historic sites abounding in the neighborhood add to its charm. The incorporated village is but a mile square and, though the bank of the river between Perrysburg and Toledo is solidly lined with beautiful homes overlooking the winding river dotted with islands, property in the village itself with a river view is very scarce. There is, however, one stretch of almost three blocks,

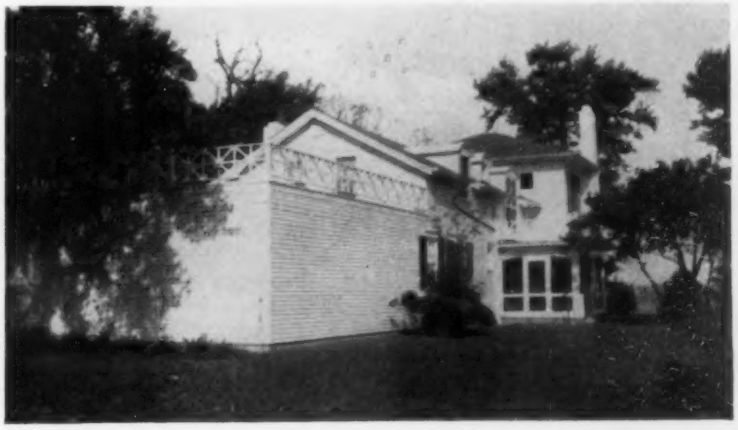
[*Please turn to page 73*]

PLANS ON PAGE 73



The sturdy old oak frame was given an appropriate and fitting Colonial exterior. Careful study was given to the design and spacing of the windows, and to the doorway

D. H. BUCKHOUT, ARCHITECT

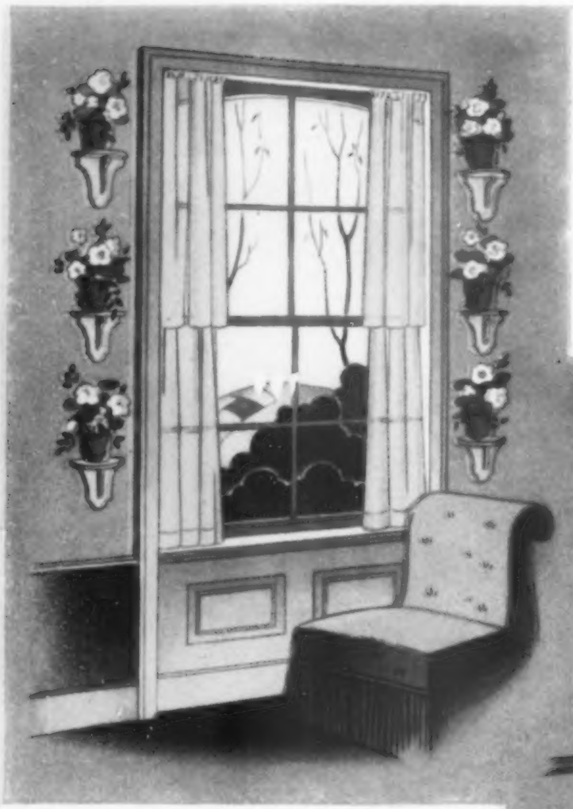


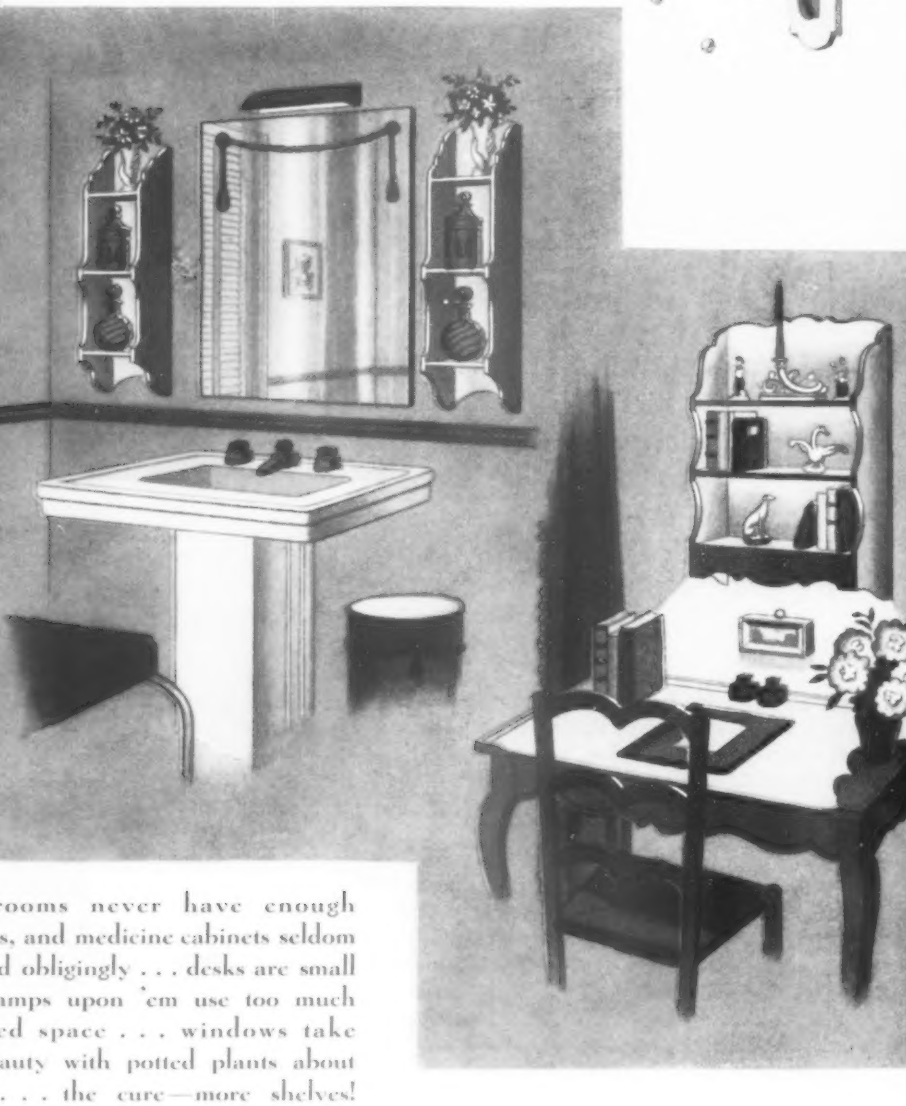
The rear extension originally contained a cold room, wood shed, and laundry behind the kitchen and pantry. This was completely replanned to provide a more efficiently arranged kitchen and maid's room. The laundry and storage quarters were moved down to the basement. In addition, a garage was built on with a usable deck above protected by a decorative rail

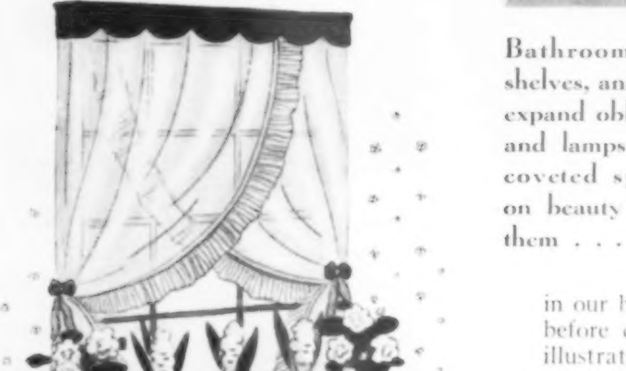
Shelf Appeal

Written by JANE NEAFIE

Drawn by HARRY NEAFIE







Bathrooms never have enough shelves, and medicine cabinets seldom expand obligingly . . . desks are small and lamps upon 'em use too much coveted space . . . windows take on beauty with potted plants about them . . . the cure—more shelves!

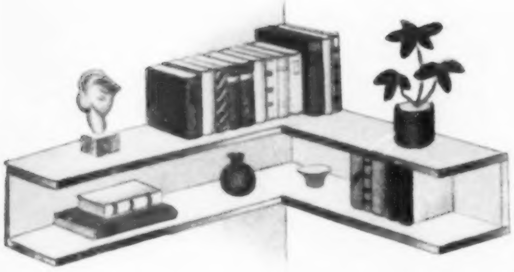
IN THESE days of extra leisure and improved tastes we are always on the lookout for something to do about our homes that will make them more attractive, comfortable, and enjoyable. Our depleted pocket-books insist that any changes or additions be economical, too. Then why not shelves—not just plain ordinary shelves, but decorative additions to rooms? If a room seems too square, shelves will give it a more interesting shape; or if a wall space is too large for even great grandmama's portrait, an attractive arrangement of shelves will fill it nicely, not forgetting the extra room they give us for the things we wren-like folk will insist on collecting in spite of advice to the contrary.

In the desire to save space in our homes most of us have done away with the library. Instead of devoting our entire room to volume upon volume of obscure looking books, we prefer to have them lend charm to our living room, or, in our bedroom, afford an hour of relaxation before dropping off to sleep. We, therefore, illustrate three different arrangements of shelves for books—shelves that are a little different either in their location in the room, or in their design.

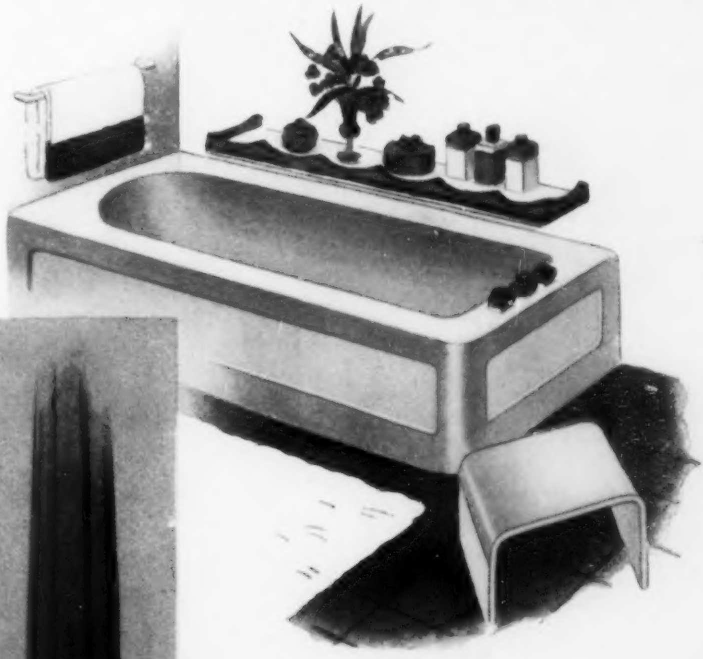
Desks are often too small nowadays to accommodate a lamp, so we have placed a book shelf, with a concealed light, directly over the desk. This is also an excellent idea for boys and girls who go to school, for in this way they may have all their books at hand, plenty of elbow-room, no lamps to knock over, and the entire desk top (even an ordinary table would do!) at their disposal. Painted inside and out, not forgetting the wall back of the shelf, with the accent color of that particular room, it will undoubtedly make the entire room more interesting.

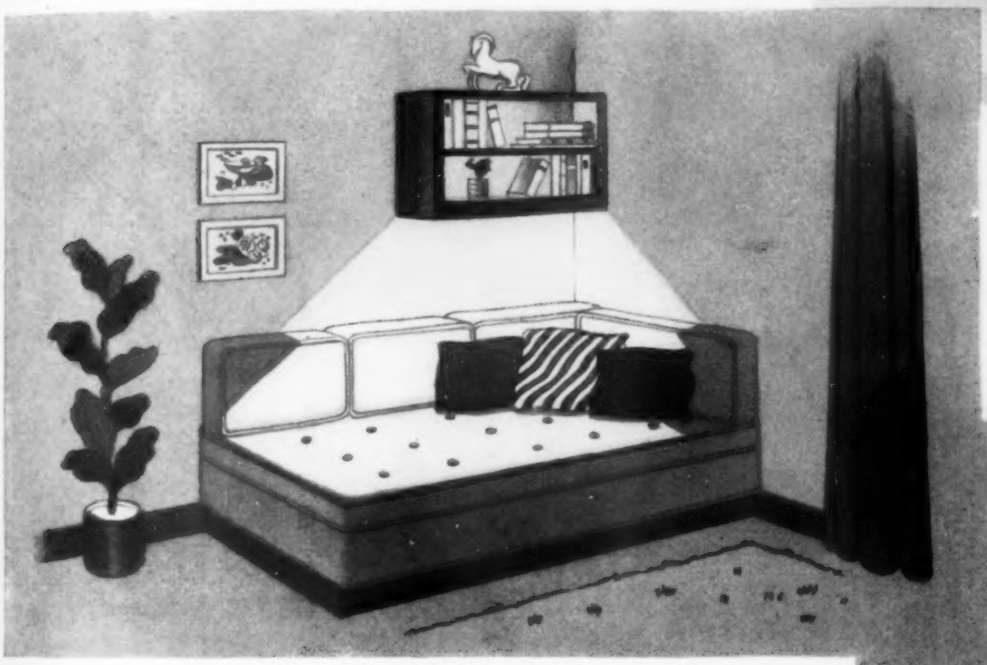
Bathrooms never seem to have enough shelves. The medicine cabinet is very seldom large enough to accommodate the numerous accessories it is most convenient to have in the bathroom. Therefore we suggest two gay little shelves, one on either side of the cabinet to take care of the overflow. Witch-hazel, hand lotion, and so forth may be put in pretty decorative bottles, and these together with bath salts, powder jars, and perfumes will cheer up any commonplace bathroom. A smart idea would be to paint the inside of the shelves and the wall behind the color of your towels, and the edges a contrasting shade.

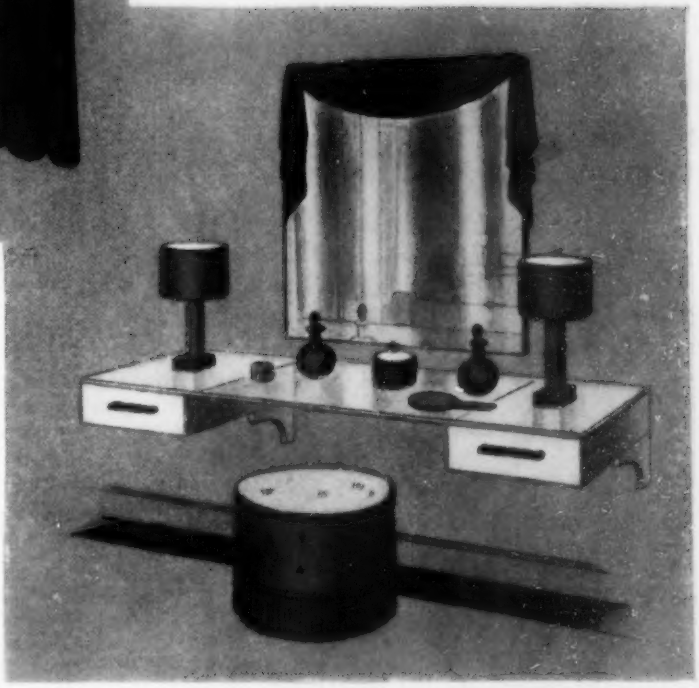
We also suggest for the bathroom a shelf running the entire length of the bathtub. There is nothing quite so conducive to health and beauty as a long, restful bath—one of the sit and soak variety. So many things could be done at the same time if only there were a shelf handy. Cold cream and vanishing cream could be kept on it—bath salts and bath powder, too. And the bathtub is an ideal place in which to do your weekly manicure when it is made possible by a shelf to hold all the paraphernalia. Smoking is also a great luxury in



Corners are hard to fill . . . dressing tables won't always fit . . . some like a sit-and-soak variety of bath, with smokes and manicure paraphernalia at hand . . . and we've cured all these suppressed desires with more shelves!







the bath. This shelf is very simple to make, the scalloped gallery being cut from plywood and nailed onto an ordinary shelf, with a half-inch moulding applied afterward merely as a decorative detail. These bathroom shelves are bound to make life a little more pleasant, a little more interesting, and heaps more restful.

Everyone loves to have flowers around, and most women like fussing with potted plants in the house, so we offer two ideas to the women who have the knack of making things grow. In many houses and most apartments there is usually one room with an unattractive outlook. Draping the window in this room in order to hide the outlook doesn't help matters any as it only increases the dreariness of the room by cutting off most of the light.

A shelf cut to fit the window sill, but large enough for good-sized pots of flowers brings the attention within the room and makes it possible to use thin crisscross curtains that let in great quantities of light. With the shelf and the pots painted gay colors, and with the light airiness of the curtains, the room at once becomes charming and happy. We have shown this shelf with a scalloped apron and a matching valance above the curtains, also made from plywood and painted the same color as the shelf.

Little individual shelves, used as wall brackets, with flowering or foliage plants, placed one above the other, up and down the sides of a window are used instead of heavy drapes in our second idea. This grouping of small shelves, placed in a simple geometric design, has many different possibilities. Over the mantel, over a big sofa, or above a chest of drawers—they will exhibit quite decoratively a collection of china birds or dogs, or those charming small eighteenth century figurines, so popular with decorators.

Few people think of a dressing table as an over-grown shelf—but actually they are that simple to make. The dressing table which we show is merely two drawers, held up by brackets as any ordinary shelf is held up, with a sheet of glass forming the top. This style of dressing table, since it has no legs, is particularly well adapted to a small space, such as a closet. The drawers and brackets can be painted any number of interesting colors, white or robin's egg blue, or perhaps even orchid; and the lamps should have shades that carry out the color scheme.

We have placed the other two bookshelves in the corner of a room because corners are usually so hard to furnish; they always

[*Please turn to page 65*]

Halls persist in being narrow—but it doesn't stump us with shelves, mirrors, and style. We build our own console tables—with shelves!

Let's talk about our KITCHENS!

ELSA MANGOLD

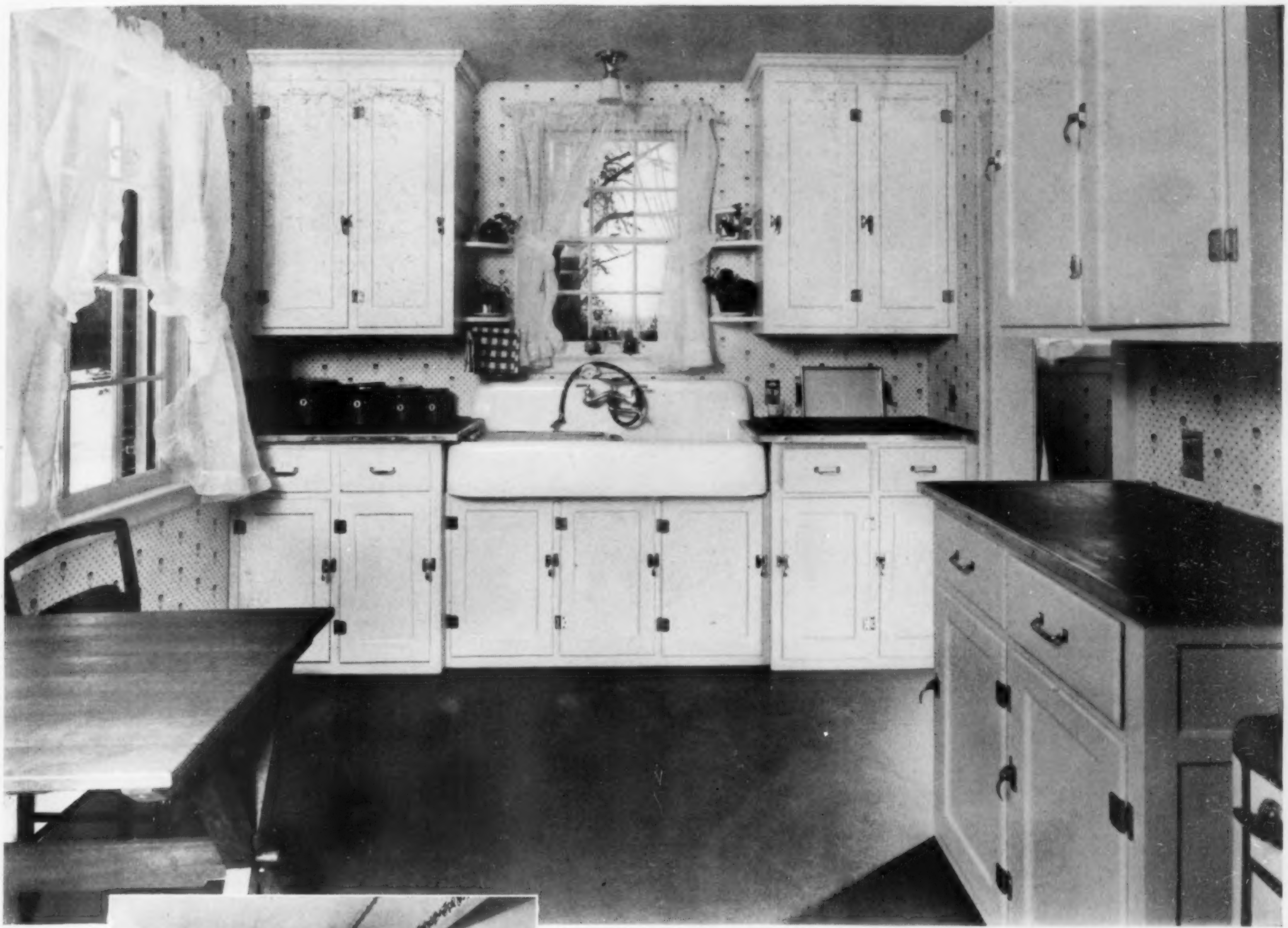
In this kitchen the refrigerator has been recessed so that it is flush with the wall. Crane Company. Plaid is the keynote of the modern kitchen above from Armstrong Cork Co.

Within the last few years kitchens have taken a decided step forward. Now, instead of being considered a necessary evil and let go at that, they are carefully and thoughtfully planned so that they will be as practical as possible, and in addition light, airy, and a pleasure to work in. Not only are all meals prepared in the kitchen every day; but menus are worked out, food ordered and household routine is planned there, thanks to the inclusion in efficient plans of housekeepers' desks, telephones, and radios. The kitchen has developed from a large room containing a huge coal or wood cook stove, hot water drum, and tiny sink into a smaller room, well lighted, with conveniently placed cabinets and sanitary, easy-to-clean walls, floors, and working surfaces. Of all rooms in the house, it has most surely kept step with modern speed, efficiency, and time and step saving. No longer need a woman walk a mile to prepare a meal!

When it comes to the arrangement of the kitchen, there are many theories and practices, but the one inviolable rule is that of compactness. Engineers who have made a scientific study of kitchen planning agree that there are three main centers to be considered. The first, that of food receiving and storing, involves cupboards and refrigerator; the second, that for food preparation, involves the sink; and the third, that of cooking and serving, involves the kitchen range. The refrigerator and food storage cabinets should be near the door where the food is received. The stove, where the cooking goes on and from which the food is served, should be convenient to the dining room door. And the sink, where most food preparation is carried on (washing, peeling, etc.), should be conveniently located between the stove and refrigerator, with working counters connecting them in a continuous working scheme.

The selection of range and refrigerator equipment depends to a degree upon locality and the availability of reasonably priced gas or electric current. This, the size of the family, and the amount apportioned for this part of the house are other factors involved. There are many different models at varying prices and in varying sizes to meet the needs of each individual household. The selection of each piece of equipment should have careful thought and should never be made in a hurry. A detailed study of the service it will give and the cost not only of installation but of maintenance should be seriously considered.

The capacity and location of cabinets should be planned so that food storage and utensil space may be adequate and convenient. The space under drain boards or working counters provides ideal storage room to be converted into base cabinets—but be sure to allow toe room for ease in standing at work surface. Place hanging cabinets high enough so as not to interfere with work carried on at counters underneath. The best height for counters, tables, and sinks is from thirty-four to thirty-six inches. Six square feet per person in the household has been judged adequate upper cabinet storage space. A detail like a partitioned section for the many trays in use in



Washable wall covering such as is used above is a decided asset in kitchen sanitation and, with the many new patterns from which to choose, it is definitely decorative. Kitchen of Mrs. G. I. Davis, Glens Falls, N. Y. Imperial Paper. Color may be introduced by Decorettes which may be applied in strips as shown at left

most households can add an amazing amount of convenience. Similarly, a set of shelves especially designed for the platters of different sizes needed in an average household can save temper and time, to say nothing of breakage which is always costly.

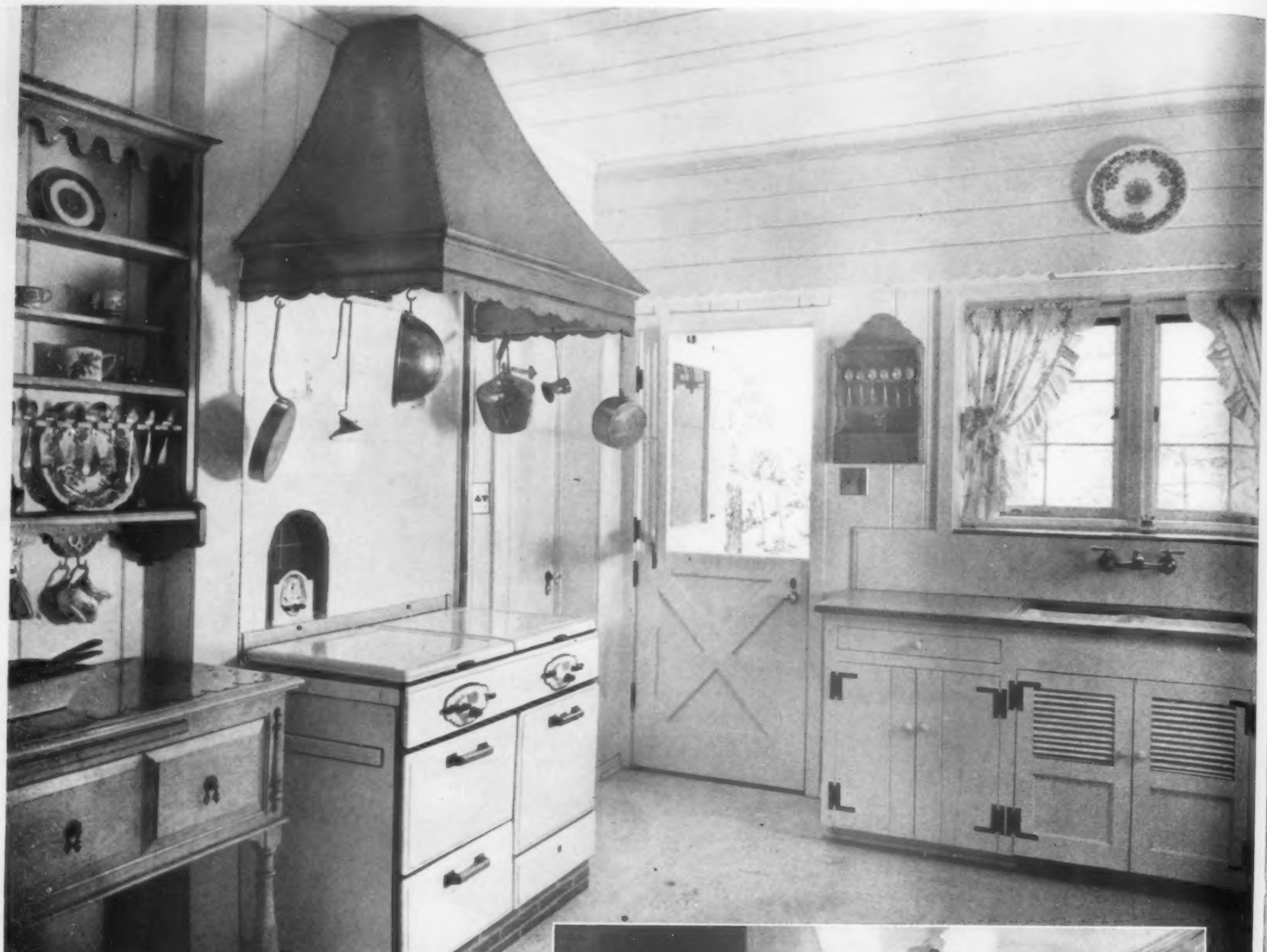
One of the most important details is the matter of wiring. There should be plenty of well-placed convenience outlets, ample light at the working centers, and the light sources should be shaded or concealed to prevent glare. They should be placed so that one never works in dense shadow. Wiring should be done by experts and frequently checked by experts. Remember that one defective wire can be the cause of many difficulties and inconveniences. The ideal location for natural lighting is a window over the sink.

Floor coverings of linoleum are undoubtedly the very best for kitchens, but should be laid so that the floor can be thoroughly cleaned as high as the top of the baseboard. Tile is sanitary and attractive but hard on the feet!

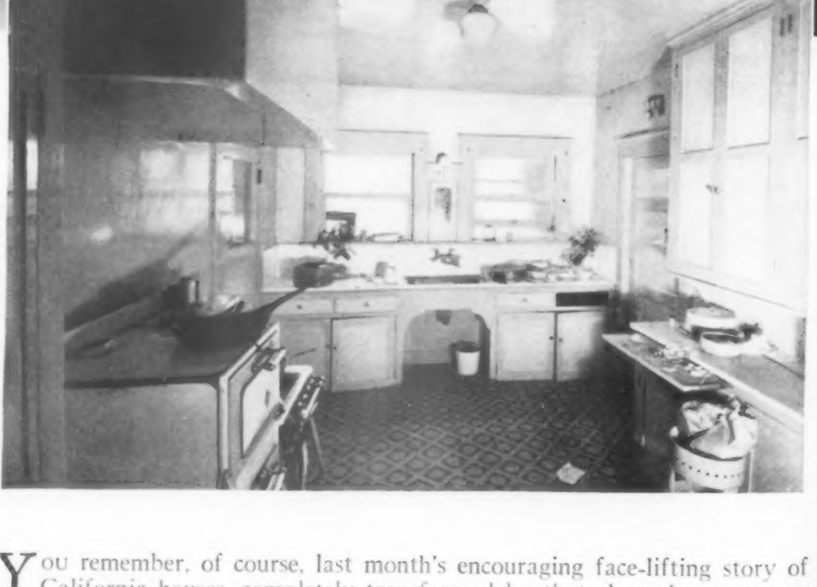
[*Please turn to page 50*]

A particularly interesting color scheme in a Short Hills, N. J., house is worked out by L. Bamberger & Co. in pale yellow, black, red, and white. Note built-in lighting over sink

Drew B. Peters Studio



The remodeled kitchen
in the home of Mr. and Mrs. Donald Fether



Photographs by
Fred R. Dapprich

You remember, of course, last month's encouraging face-lifting story of three California houses, completely transformed by that clever house surgeon, Mr. Jack Moss? Also, that we spitefully withheld the Fether kitchen from you? Well, here it is—given enough space to show the remarkable results in full detail.

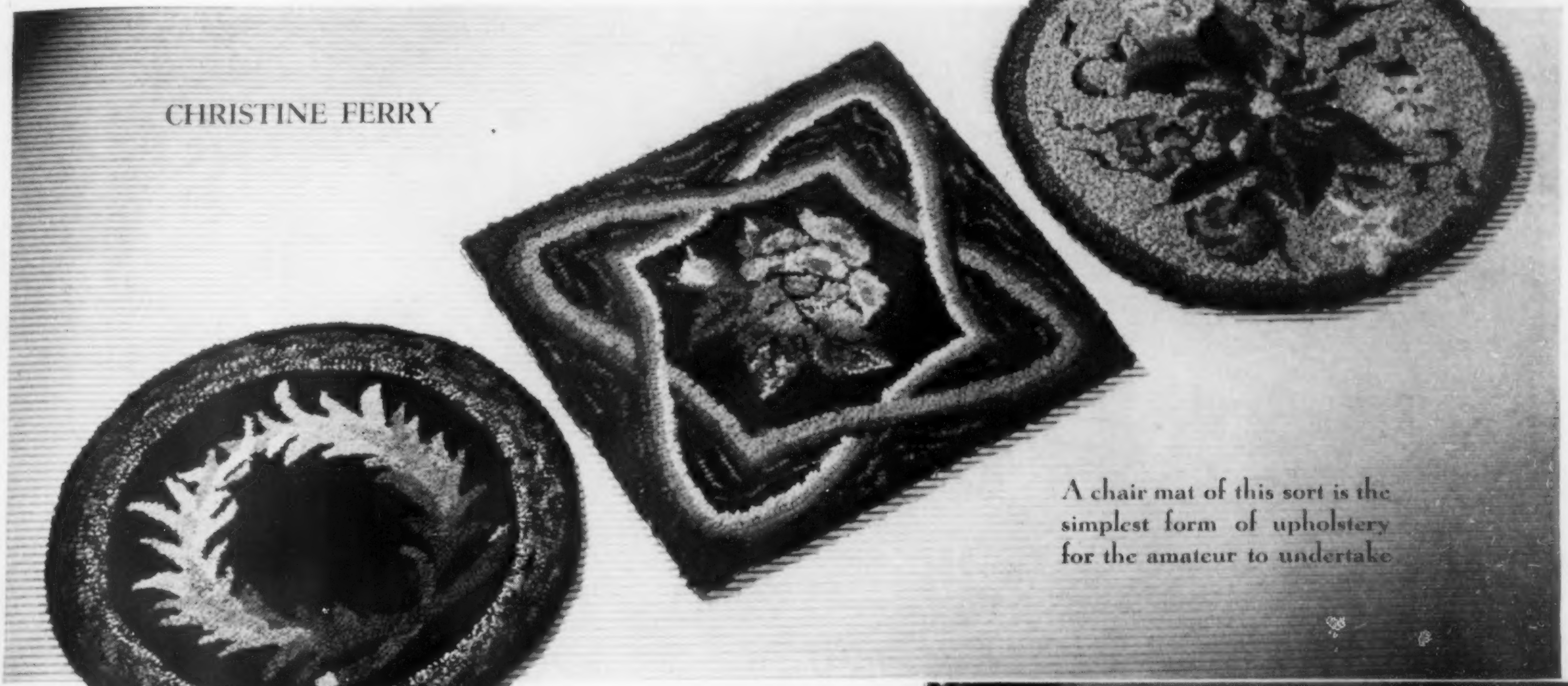
The back porch, usually nothing but an unsightly catchall was engulfed by the kitchen which was moved over six feet to include this enclosed porch. Although in the beginning the main thought had been the addition of a butler's pantry and a powder room, the idea of a moved-over kitchen was a challenge to modernize entirely this very important room. The walls and ceiling were paneled in pine and painted white. In the "after" shot, the back door, built as a Dutch door, is seen changed to another wall. The door, in the position of the former back door, now leads into a maid's room, which also was added in the transformation.

The color scheme of the kitchen is blue and white. Back of the stove, white tile, decorated with Dutch blue tile, was used. The old plaster canopy was replaced with a scalloped copper one, with an indirect light in the top as well as a ventilator

[*Please turn to page 53*]

HOOKING for upholstery purposes

CHRISTINE FERRY



A chair mat of this sort is the simplest form of upholstery for the amateur to undertake

ALTHOUGH a more primitive craft, hooking with narrow strips of woolen goods, as practiced by our ancestral grandmothers, affords quite as wide a field for artistic adventure as does the more elegant needlepoint and other forms of canvas embroidery. Both are equally desirable for upholstery purposes, but each has its specific place in the decorative scheme where the other would be entirely out of order.

Hooking interests us keenly at the moment because of its relation to the simple pine and maple furniture of the Early American farmhouse type, so extensively used in both country houses and modest city apartments. Mats made of this sturdy texture add immeasurably to the comfort of the wood and rush seated chairs characteristic of this period and provide opportunity for the introduction of a note of contrasting color and a spot of decorative design as a foil to the plain honey color finish of the natural wood. They also look well on the painted and stenciled Hitchcock chairs and others of this type, when the designs are planned to accord with the ornament on the back such as is illustrated on this page.

As the texture is in itself thick, a chair mat of this sort needs no interlining or backing and is the simplest form of upholstery for the amateur to undertake, as it will stay in place without being anchored other than with tapes that tie to the upright back spokes, to the legs, or both.

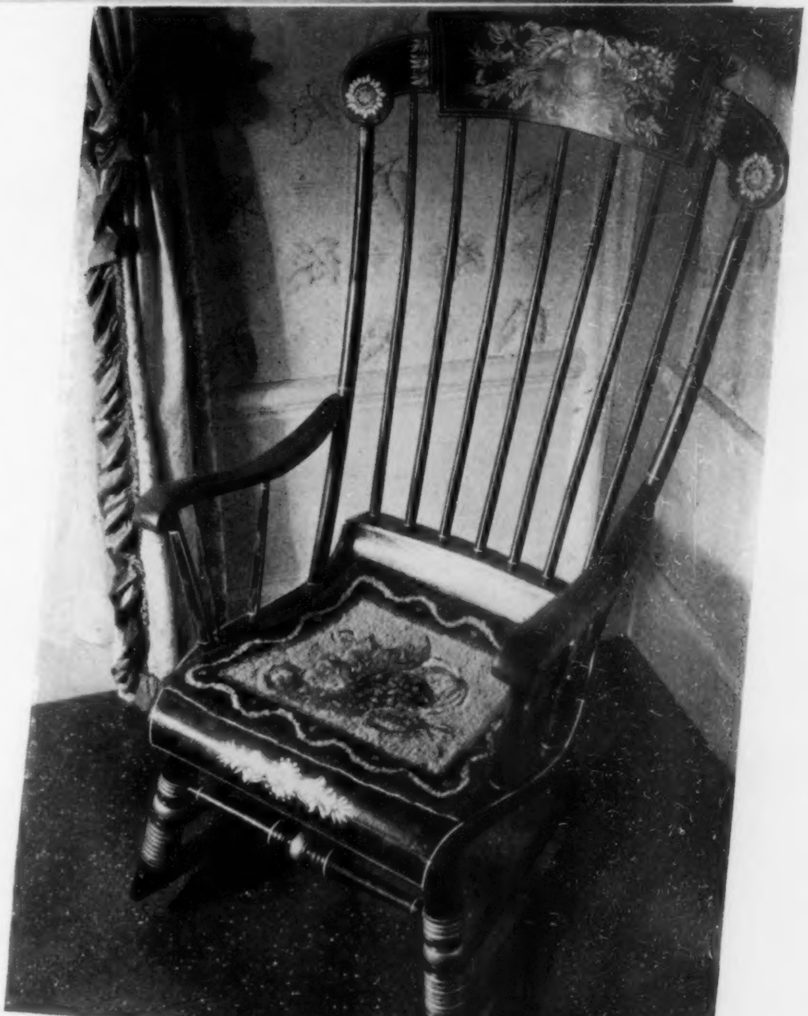
These small slip-seat upholsteries as done by the HooKraft workers in Clinton, Massachusetts, reveal the artistic possibilities of this simple old craft. Only narrow strips of woolen goods, cut not more than a quarter of an inch in width, are used by these home craftsmen under the supervision of Mrs. Caroline F. Saunders, who sets a very high standard for her associates to follow. Sometimes the strips are cut even narrower than this, if the fabric is very firm and does not fray easily.

The hook used is smaller than that employed by most workers in this craft and the background material is a fine, closely woven burlap which makes it possible to draw in the loops quite closely. As a rule they average about six to the inch, are not more than a quarter of an inch in height and are invariably left uncut. The resulting texture is firm and the back of the burlap foundation is almost as closely covered as is the front.

The first requisite is a good design—one suited to the piece of furniture with which it is to be used and shaped in relation to the outline. This is what distinguishes the custom-made from the commercial mats, which are necessarily made round or square in order to be available for use on a wide variety of chairs—the square ones for seats that are nominally square, but in reality taper inward to the back, and the round ones for the oval seated Windsors and others that are irregular in their outlines.

Burlaps for hooking need necessarily to be stretched in a frame so that the material will be taut. There are many good rug frames obtainable in department stores, or a stout picture frame can be pressed into service for these small pieces, mounting the burlap into it by sewing a strong string into a folded edge and carrying it over the frame before making the next stitch. Set up in this manner the work can be carried about from

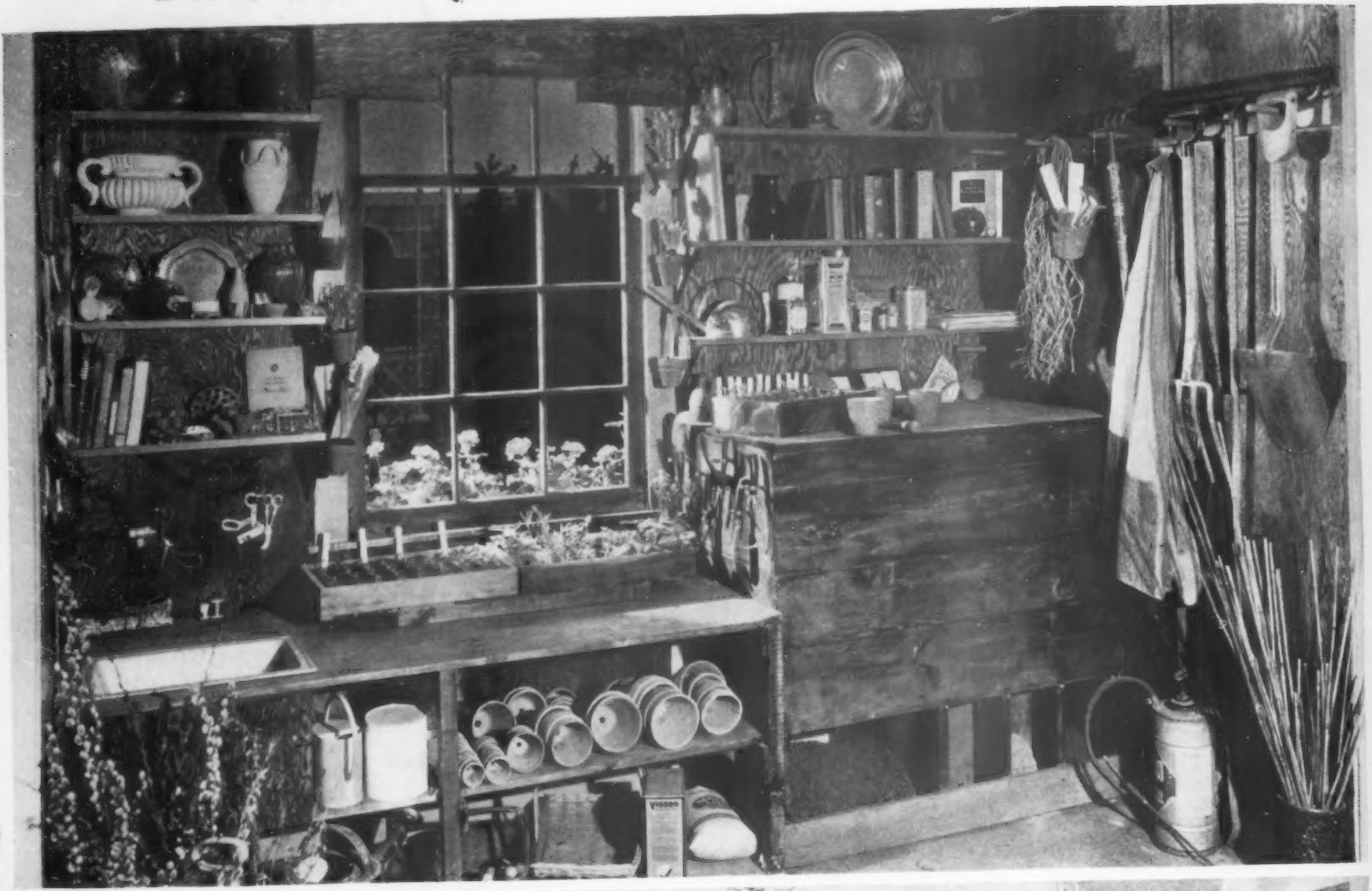
[*Please turn to page 60*]



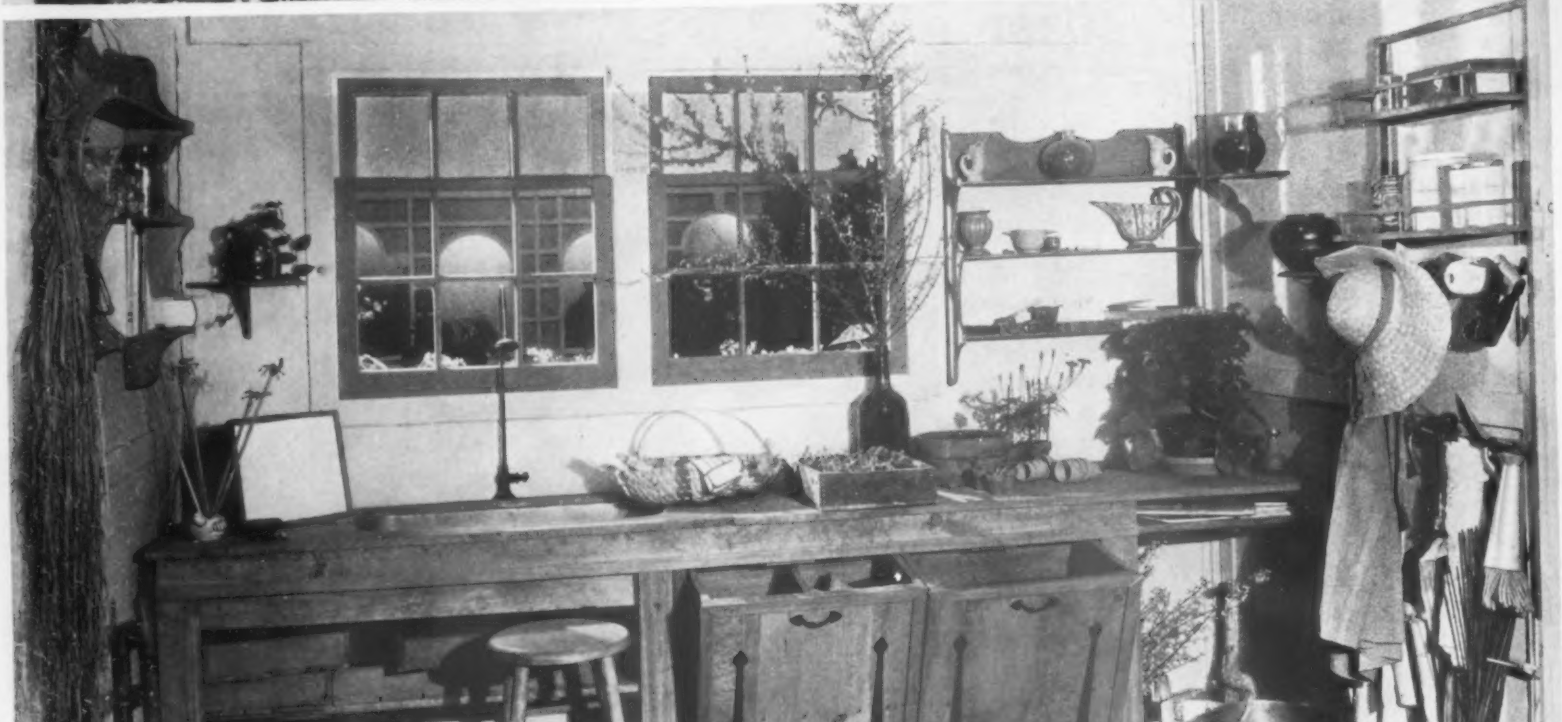
Fruit designs are not common in hooking, yet nothing is more suitable for an old rocker with stenciled back or the simple rush seated chair

Photographs by George H. Davis
Mats from HooKraft

Flower show prize winners—ALL

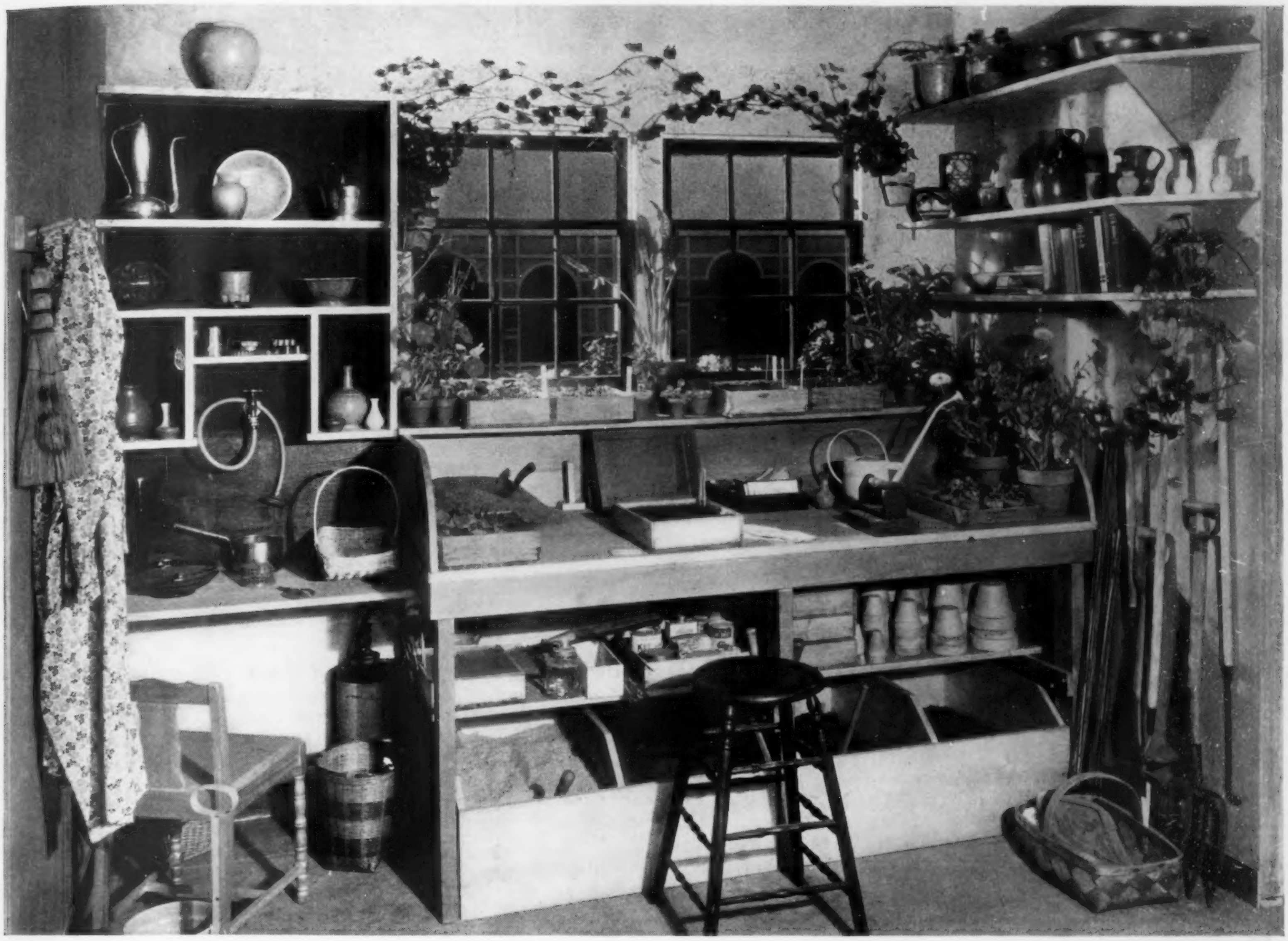


1st



2nd

F. M. Demarest



3RD PRIZE Garden rooms exhibited at the New York Flower Show last March are full of practical ideas for the garden enthusiast who wants a workshop. The prize winning rooms are simple but all to the point! Detailed description of each room on page 75

WELCOME ON THE DOORMAT

~or well-meant but thoughtless week-end invitations

MARION GUINN

WEEK-END invitations sent to our house are accepted somewhat skeptically. Undoubtedly this sounds ungrateful and disloyal to the friend who has thus assured us of a *welcome* on her doormat. But no. It is the result of many painful week-ends spent at the homes of well-meaning but thoughtless friends. Potluck week-ends have their place at the hunting lodge or summer cabin. But when invited to a year-round house for a visit, a guest is certainly not assuming too much to expect some of the comforts of home.

To this day we shudder over a chilly autumn week-end spent at the home of Mrs. "A." The "A" family retired earlier than our accustomed hour, so we sat in our room reading for an hour or so. When it came time for bed, imagine our horror on discovering underneath the flimsy silk bed coverlet but one blanket of summer weight and the usual two sheets!

The rest of the household was slumbering peacefully. A thorough search of the room did not reveal an extra blanket. Apparently the guest room had not been used since the summer. Finally my husband, having forgotten his bedroom slippers, stealthily fumbled and stumbled his way, in his stocking feet, through the darkened house to the garage for our auto robe which was woolly and warm.

Then and there in the bleak hours of that autumn night we made a firm resolution that when we progressed from the in-a-door bed state to a home of our own, the guest room in our house would be provided with an extra blanket in the bureau drawer and a pair of Chinese bedroom slippers of the straw variety for forgetful guests.

Similarly bitter experiences have perhaps made us hypercritical of guest rooms. But as the time draws near for the furnishing of a guest room of our own, we face the responsibility with the thought that fortified by our present knowledge of do's and don't's, our guests will leave our place looking none the worse for their stay and, we hope, they'll accept second invitations with genuine pleasure.

Working on the principle that hospitality is as hospitality does, at little expense to ourselves we can make our guests truly comfortable. My husband has attacked the problem from the male angle, while I have spent considerable time anticipating feminine needs. And together we solved the ever-present double or twin-bed problem.

We admit that usually twin beds lend themselves best to the current trend in arrangement and decoration, and it seems that they are increasing steadily in popularity. But double bed addicts suffer as much in twin beds as the twin bed sleepers suffer in the confines of a double bed. We decided to have a double bed and a studio couch with a gay chintz cover which can readily be removed to form the second bed for our more modern friends.

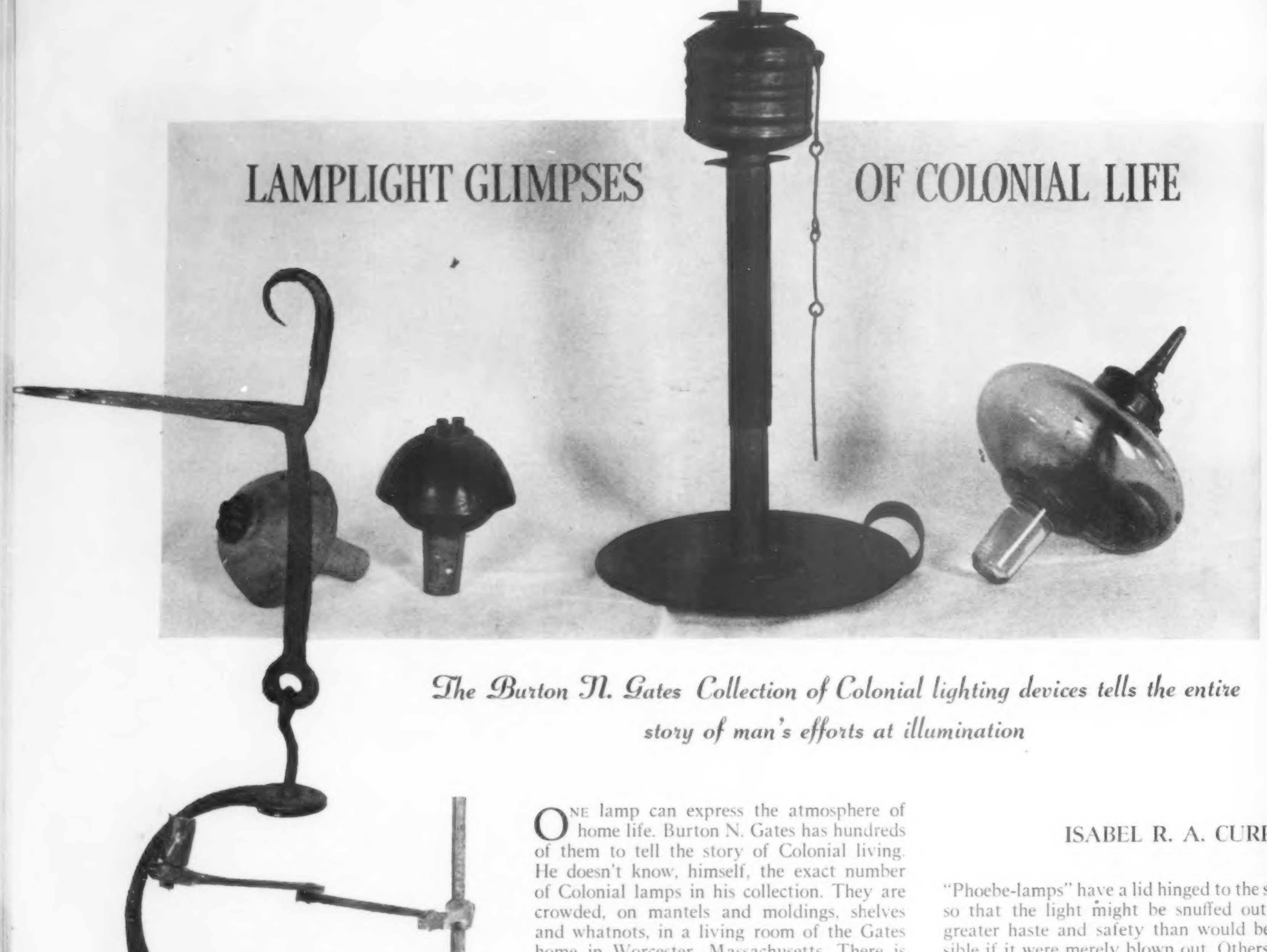
It was in selecting samples for the chintz cover that my husband intervened with a firm hand to restrain my feminine tastes in decoration. "Remember no man can retain his self-respect sleeping in a room bedecked with baby pink lamp shades or boudoir furniture that soils every time a person sits down on it. A

[*Please turn to page 69*]

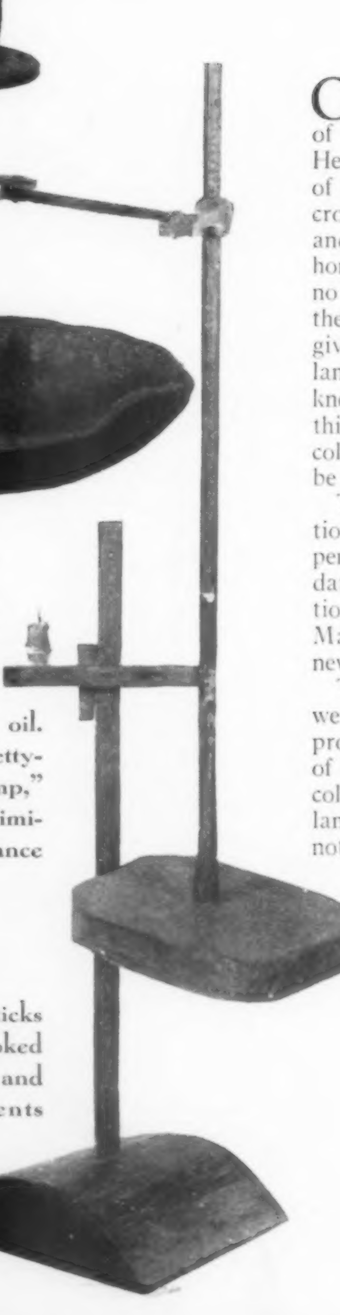
LAMPLIGHT GLIMPSES OF COLONIAL LIFE

The Burton N. Gates Collection of Colonial lighting devices tells the entire story of man's efforts at illumination

ISABEL R. A. CURRIER



At top, peg-lamps in use in the State House in Boston shortly after the great stride of progress in lighting—the use of whale oil. Directly above, a "Betty-lamp" or "slut-lamp," America's most primitive lighting appliance



The first candlesticks were of wood and looked like crude crucifixes and candle arrangements

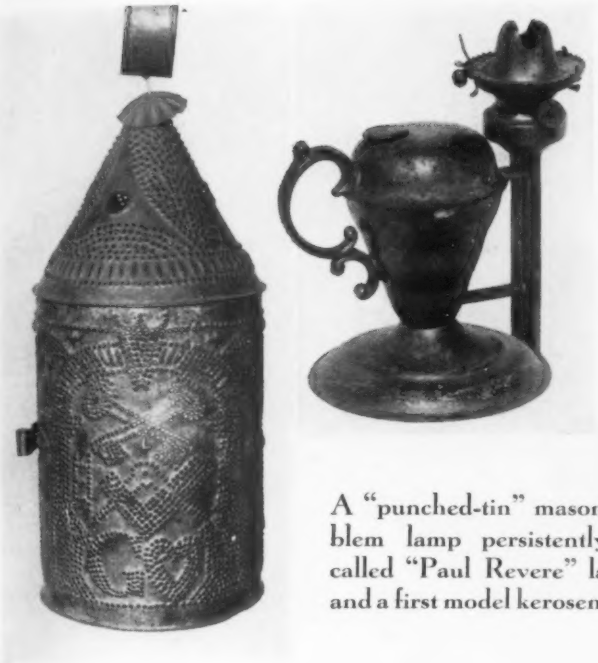
One lamp can express the atmosphere of home life. Burton N. Gates has hundreds of them to tell the story of Colonial living. He doesn't know, himself, the exact number of Colonial lamps in his collection. They are crowded, on mantels and moldings, shelves and whatnots, in a living room of the Gates home in Worcester, Massachusetts. There is no attempt to give them the background of their period. They, themselves, are capable of giving that background to the onlooker. The lamps are there because Mr. Gates, well-known antiquarian, likes lamps, among other things, and he is proud of the fact that his collection of Colonial lights has few peers to be found in this country.

The collection tells the story of illumination far back of Colonial days, because it happens that the efforts of mankind to penetrate darkness had not progressed from the inventions of the Babylonians at the time that the Mayflower brought its cargo of colonists to a new world and to a new life.

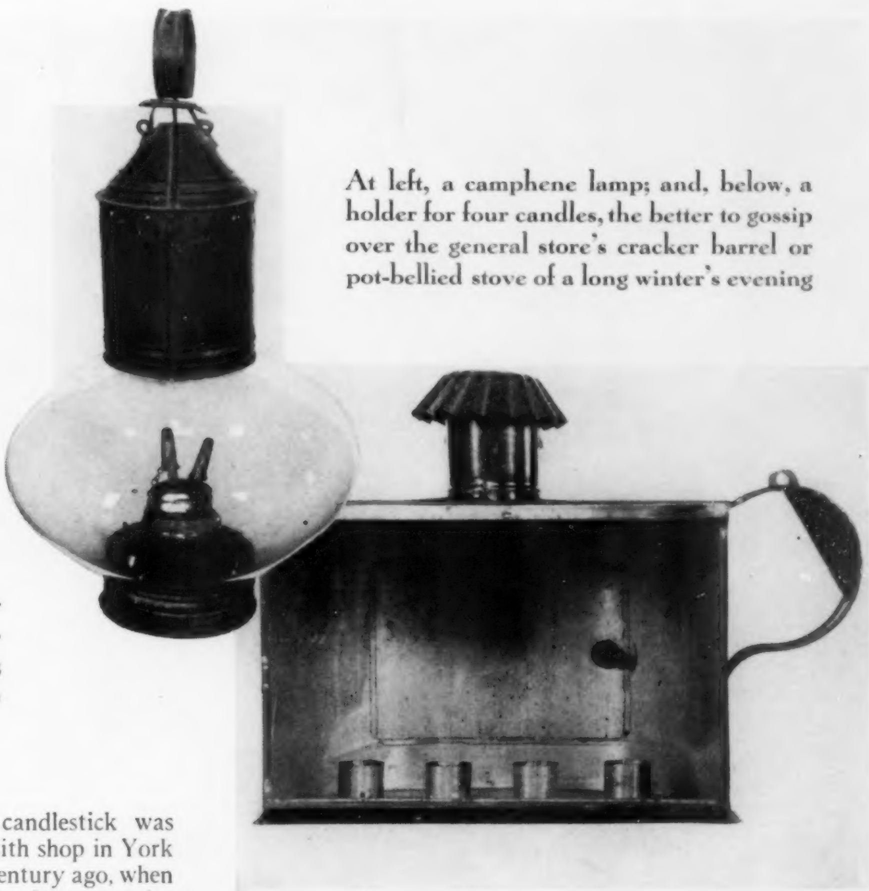
The lamps which they brought with them were iron saucers to hold grease and any improvised wick. These represent the first stage of illumination to follow a mere torch. The colonists called them "Betty-lamps," "Phoebe-lamps," or "slut-lamps." The latter term was not complimentary to Betty and Phoebe, whoever they might have been, but the lamps themselves were somewhat slatternly from any housewife's point of view, even though they were all that she had for light. They guttered feebly from tables or mantels in homely rooms, lending mystery to the shadowed corners which their light did not reach, but they were less dangerous than wood torches, the only other form of lighting known to the Pilgrims. Variations of the Betty-lamp are those which boast of gadgets designed for convenience. Some of Mr. Gates' "Phoebe-lamps" have a lid hinged to the saucer so that the light might be snuffed out with greater haste and safety than would be possible if it were merely blown out. Others have an iron hook attached to the base of the saucer, so that it might be driven into the wall to make a wall-light if desired.

That simple type of light, together with torches, served mankind from the most primitive times until the latter part of the 17th century, when candles came into being in imitation of torches. It is a difficult fact to realize, when one is surveying the earliest type of lamp in Mr. Gates' living room, where his hundreds of museum lamps are illuminated by means of the convenient electrical fixtures of the present age. It is even more difficult when one sees Betty-lamps being photographed by means of a photographer's electrical flash, which sheds light to the power of between 750 and 1000 watts. Then, one glances at the gas jets which Mr. Gates permitted to remain on the walls of his home during all of its remodeling, and one realizes that the problem of lighting leaped like a flame, once it was fanned by invention, into progress. Mr. Gates says, whimsically, that he has left the gas jets in his home for emergency lighting, but he has never had need of an emergency light in the lamp room.

There is a slut-lamp with a swinging bowl which some ingenious blacksmith devised for use on shipboard. The saucer-bowl swayed with the motion of the ship and lessened the danger of fire by tipping. Here are a few pine knots, presumably the only means of outdoor lighting in the early Colonial days; and there is historical evidence of their use in the house in holders, made from tin, to contain rush and reed lights. These holders were used as designs for candle-holders, once candles came into



A "punched-tin" masonic emblem lamp persistently miscalled "Paul Revere" lantern; and a first model kerosene lamp



At left, a camphene lamp; and, below, a holder for four candles, the better to gossip over the general store's cracker barrel or pot-bellied stove of a long winter's evening

use. No one knows who invented candles. Probably some harassed housewife conceived the idea of hardening grease about a wick to make a light which insured greater cleanliness and which could be prepared in advance of the need for them and kept in storage for an indefinite time.

The first candlesticks are crude, too. Most of the fanciful candlesticks belong to the present age, also the revival of candles for use on tea and dinner tables, and in quaint tearooms and restored Colonial homes. Our great-great-grandmothers were not only content, but likely tickled silly, to possess plain glass candlesticks which looked like thwarted candles.

One very old candlestick in the Gates collection is a wooden standard, about three feet high, with two cross-arms bored to hold candle ends. It looks like a crude example of a crucifix and candle arrangement for religious services. Another of the same type is merely a wooden cross driven into a convex block of wood, with a hole drilled at each end of the cross-arm to contain a candle. This particular candlestick was used in a blacksmith shop in York state well over a century ago, when the light from the forge was insufficient to permit the blacksmith to do a late customer's shoeing job.

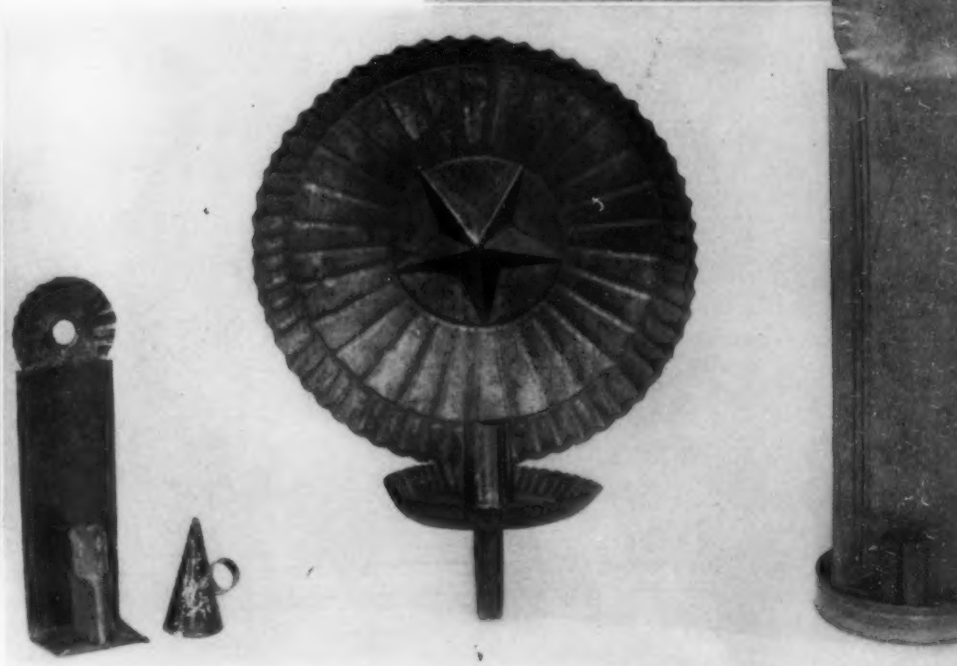
Another crude wooden candlestick with a hinged arm which might be adjusted to a desired height, illuminated a carpenter's shop in Pennsylvania. The most elaborate industrial lamp in the collection is a metal candlestick, its bottom weighted with sand, which has a disc containing five candleholders around its standard. This disc is adjustable to any height, and the holder served a now long-dead tailor in Charlton, Massachusetts, who changed the height of its lights as he fitted jackets and pantaloons.

Only workshops which had need of stronger than single candle-power lights seemed to go to the trouble of devising holders for more than one candle. Mr. Gates has a tin one—it looks rather like a half of the old tin dipper that hung by the well, with an added roof and chimney. The open

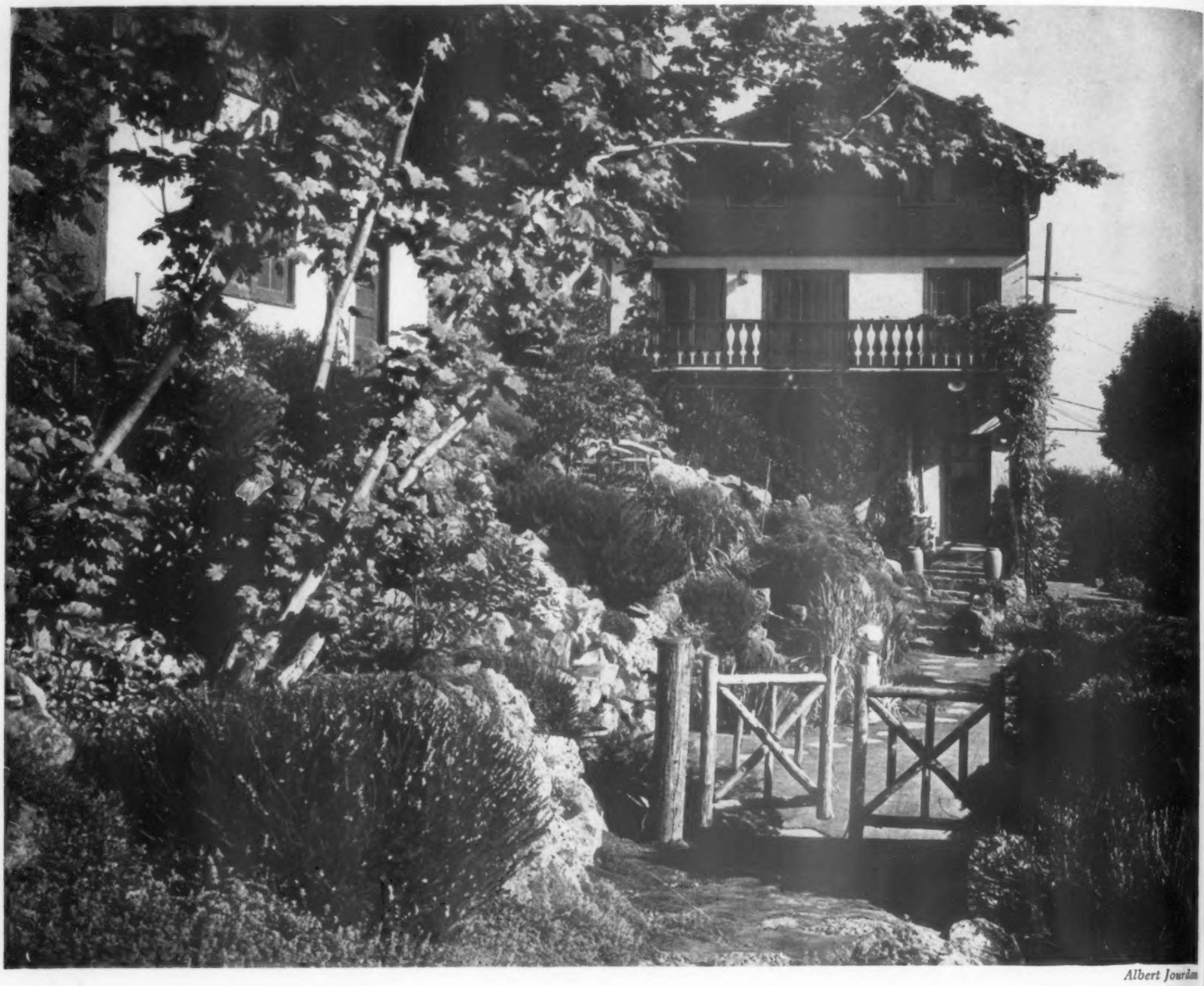
[Please turn to page 66]

Candlesticks were converted for camphene lamps, since they burned longer and more brightly than "sparking lamps"

A candle-lantern of cow-horn, a popular lightweight material



At right, some elaborate sconces of tin which delighted Colonial housewives. The candle snuffer was an indispensable household gadget



Albert Jourdan

A garden perched on an Oregon hillside

The garden of Mr. and Mrs. W. C. Schuppel

in Portland, Oregon

MELVIN ARNOLD

By letting their garden grow by itself over a period of years, Mr. and Mrs. W. C. Schuppel of Portland, Oregon, have solved the problem of beautifying one of the most impossible spots imaginable. The garden is narrow and tipped on edge on the side of a steep hill overlooking the city. But topography was not the only difficulty encountered. The first spading revealed that they inadvertently had bought a rubbish dump covered with a thin layer of dirt; and a deposit of trash ten feet deep had to be removed before planting could be started. By a series of terraces, the Portlanders have created an illusion of expansiveness and have corrected their garden's improper proportions in a very commendable manner.

There are really several gardens in one. There is a front garden designed for the public view, flanking the road that winds up the hill. The private gardens are for the enjoyment of the family and guests and are shut off by a terrace from public gaze. Just as there is a den in the home, there is a man's

First seeing this hillside, Mr. Schuppel exclaimed: "A garden? Impossible!" Today his garden points many a lesson for others with difficult plots

garden separated from the rest in the upper corner of the lot designed for the fullest enjoyment of a book and a pipe. The main two private gardens, on terraces of different levels and separated by a rustic gate, serve as outdoor living rooms. Each year, a few more ideas have been incorporated. Lava rock was brought from the crater of Mount Hood and other near-by mountains. Native Dogwood was planted on the upper hillside.

There is the very real advantage to a hillside garden such as this, in that you simply can't absorb it in a three-minute interview. Like some people, it refuses to be plumbed at a glance. You must take a half hour to see it, and by the end of that time, you and the garden are old friends. The secret of the garden's charm is that it has been allowed to take shape slowly. The result is a garden completely at home on an Oregon hillside and one that truly reflects the personality of its owners.

A first-rate dumping ground —but we wanted a garden!

CHARLES P. PELHAM

WHOEVER prefixed Nature with the Mother idea must have had considerable experience with both women and "the good earth" for the two respond so quickly to care and kindness. Likewise, when neglected, both can "go native" faster and wilder than either man or beast. And if you doubt it, buy an old place in the country that has been allowed to "go to seed" and learn what you don't know about women from Mother Nature. Which is exactly what we did, and exactly why we feel the urge to deliver an oration on manicuring hill and dale and the satisfaction and pleasurable rewards thereof.

The house, as readers of previous chapters of our remodeling story know, demanded immediate interior attention and got it; also, all available wherewithal; with the result that our dreams of lovely gardens, rolling lawns, and beautiful trees are still on the to-be-done list.

What we have to report, therefore, is a simple record of what landscape miracles can be performed with a hoe, rake, axe, saw, pick, shovel, and plenty of "elbow grease."

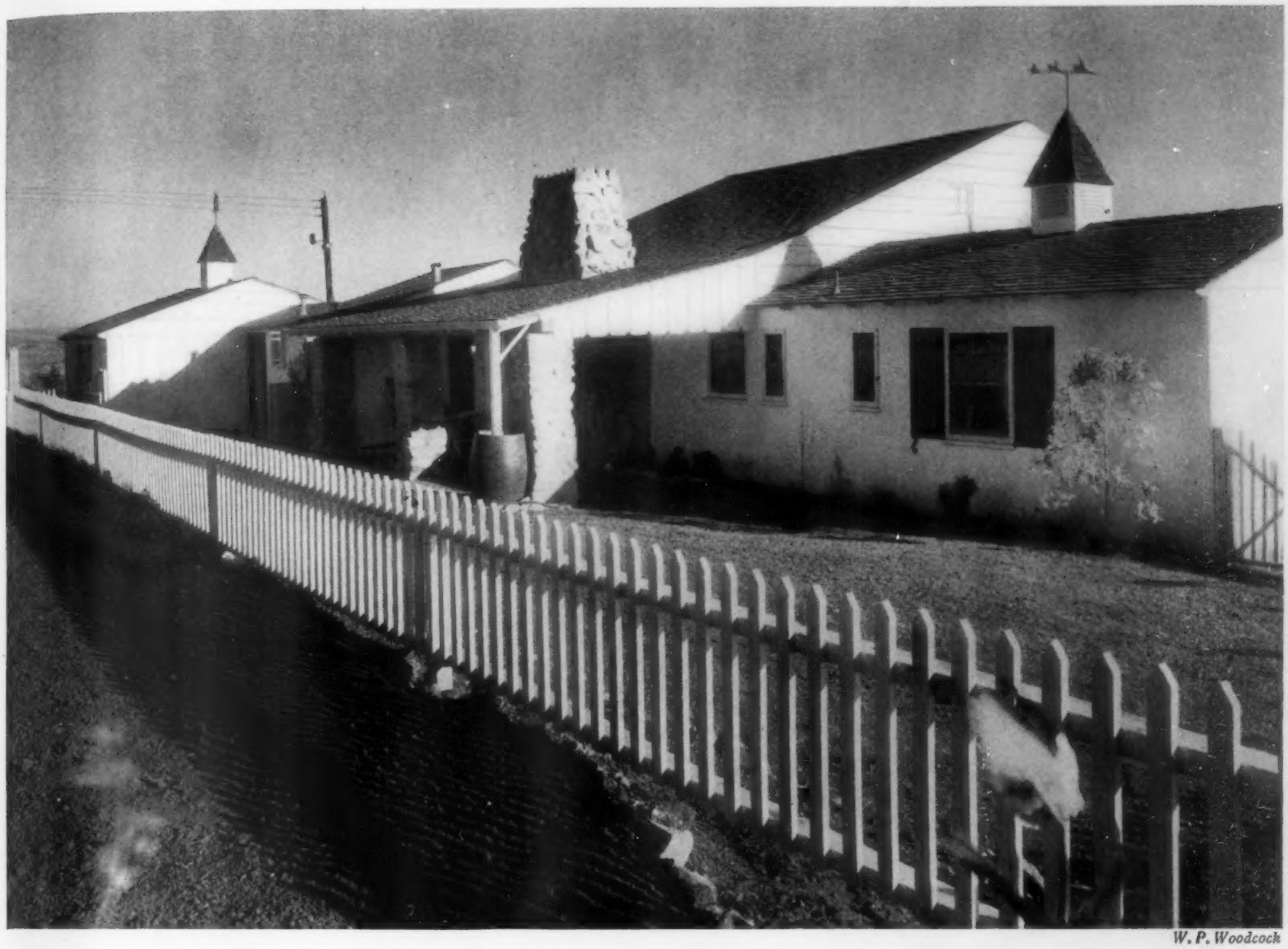
The photographic evidence of what we were up against in the form of dilapidated out-buildings, dead-limbed locusts, a wilderness of Poison Ivy, man-eating Blackberry bushes, Connecticut rocks, and prehistoric rubbish piles is so convincing that we need only refer you to the accompanying as-we-found-it photographs.

If our experience is a good guide the only way to bring order out of chaos in your back yard, "little place in the suburbs," country estate, or what have you is to resign from your golf

[*Please turn to page* 78]

A story that scarce needs words—so well do the photographs record the miracle of hoe, rake, pick, shovel, and "elbow grease"

A beach house built around a fireplace



W. P. Woodcock

The summer home of Mr. and Mrs. Lester Timmins at Malibu Encinal, Calif.

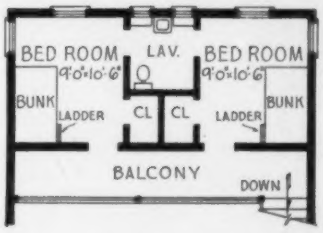
ROWE RADER

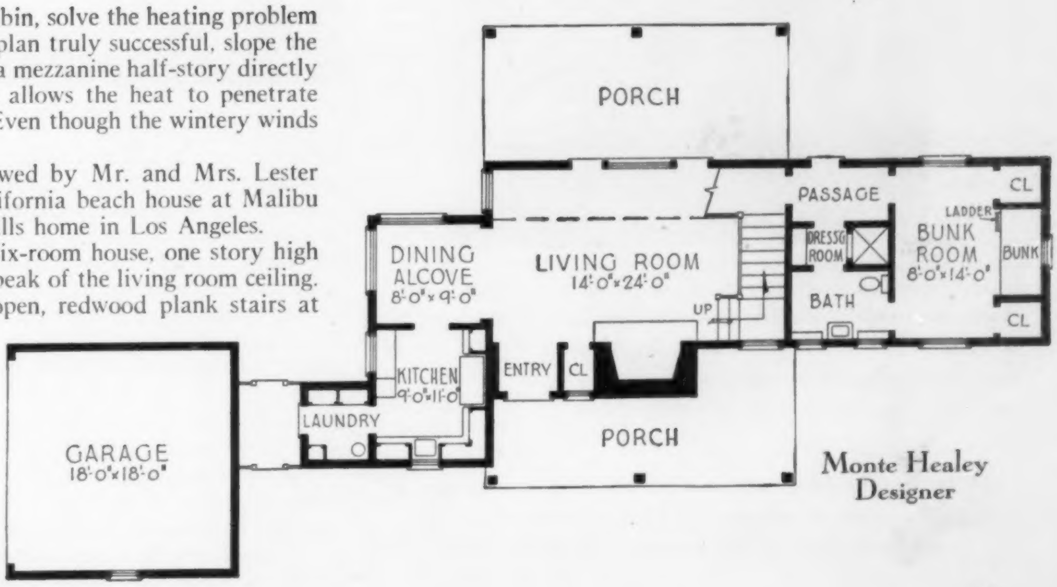
WHEN planning a beach home or a mountain cabin, solve the heating problem by building around a fireplace! To make this plan truly successful, slope the ceiling above the fireplace and place the bedrooms on a mezzanine half-story directly opposite. Put shutter doors on the bedrooms. This allows the heat to penetrate into the rooms, as well as adding a decorative note. Even though the wintery winds do blow, you'll be "snug as a bug in a rug."

Cleverly enough, this plan was successfully followed by Mr. and Mrs. Lester Timmins of Los Angeles and New York in their California beach house at Malibu Encinal, some thirty miles from their Westwood Hills home in Los Angeles.

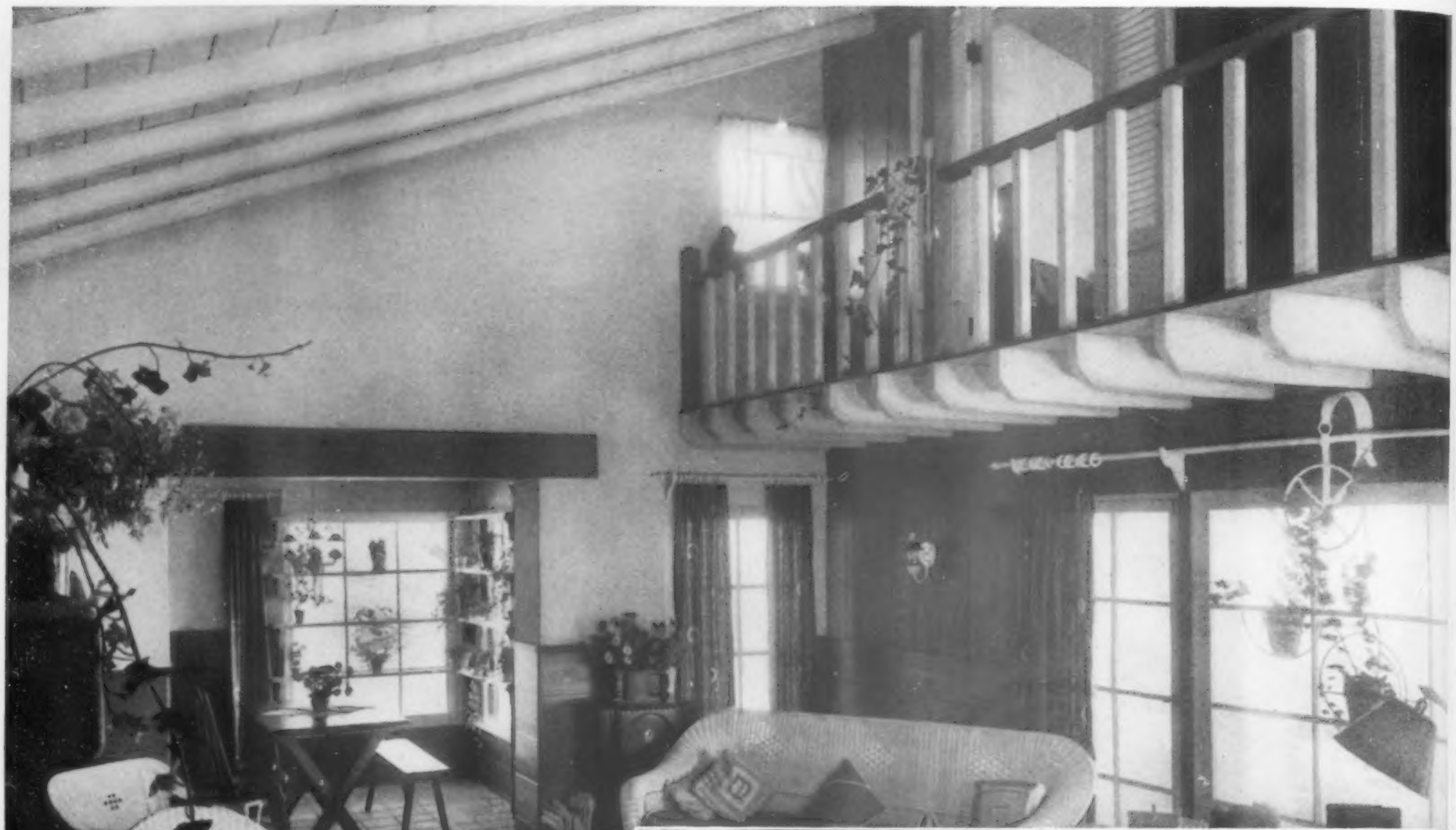
They built a unique, charming, and comfortable six-room house, one story high except for the bedroom loft tucked snugly under the peak of the living room ceiling. An open railed balcony, reached by white-railed, open, redwood plank stairs at one side of the living room, gives an informal, sheltered, and cozy feeling to the room. The balcony is hung with bright pots of trailing ivy.

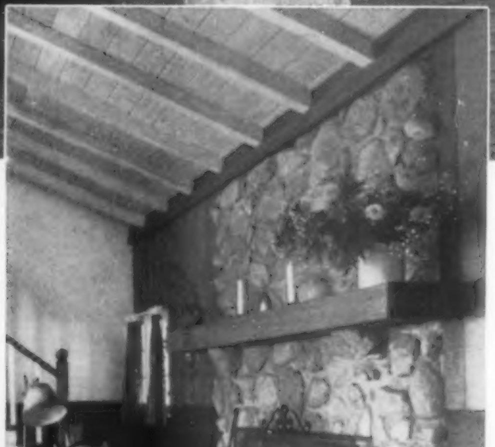
The owner's ideas were well carried out by Monte Healey, designer of Bing Crosby's home and Mary Brian's home near Los Angeles. The house is long and low and fits naturally into the landscape. Solid green wooden shutters, pale lemon yellow window frames, and white shake walls conform with the colors of the natural setting. The


BED ROOM
9'0"x10'6"
LAV.
BED ROOM
9'0"x10'6"
BUNK
LADDER
CL
CL
LADDER
BUNK
BALCONY
DOWN

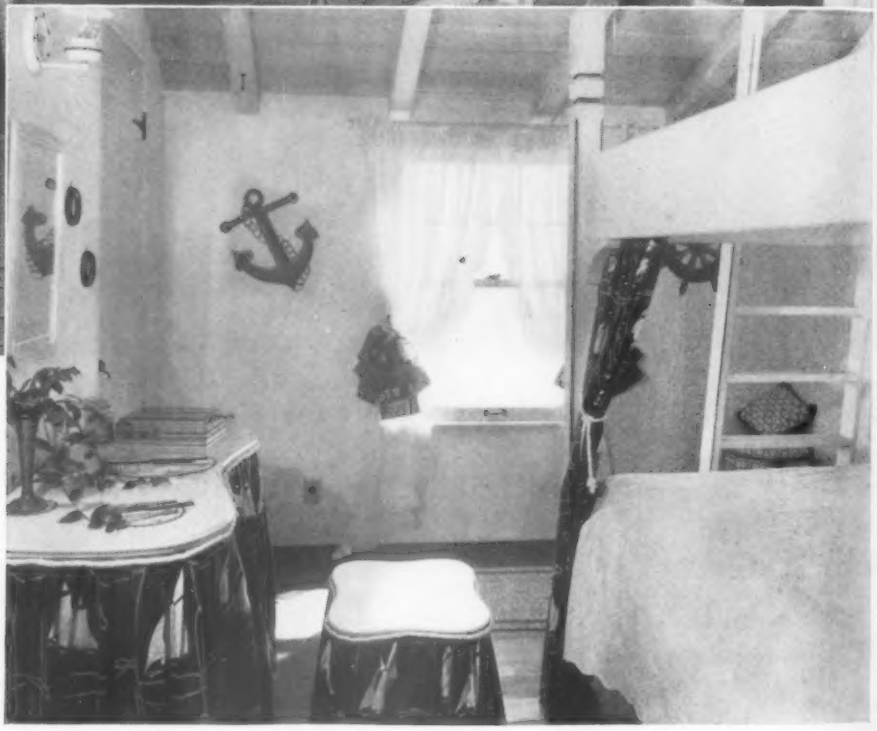

PORCH
PASSAGE
CL
LADDER
DINING ALCOVE
8'0"x9'0"
LIVING ROOM
14'0"x24'0"
DRESSG ROOM
BUNK ROOM
8'0"x14'0"
BUNK
UP
BATH
CL
KITCHEN
9'0"x11'0"
ENTRY
CL
LAUNDRY
GARAGE
18'0"x18'0"
PORCH

Monte Healey
Designer





The mammoth, cobble-stoned fireplace around which the house was built. Above, the alcove dinette opening off living room



In bright blue and white nautical tones, the girl's room overlooks the Pacific's blue expanse and forms one of the two mezzanine bedrooms

building site is a 220′ bluff-lot, overlooking the long sweep of the Pacific's glorious blue waves, seventy feet below—truly a magnificent location.

As in any beach or mountain home, view was a prime consideration in planning the Timmins' beach house. Catalina Island, San Clemente, the Santa Barbara Islands, and four lighthouses can be seen at a glance from this eerie-like building site. To take full advantage of this beauty, the seaward side of the redwood-paneled living room was glassed with small pane windows. Blue and white nautical chintz drapes frame the picture of the ocean beyond. In the alcove dinette, the east and south walls were glassed and shelves built across for bright colored flower pots. These splashes of color are repeated in the bowl of gourds which Mrs. Timmins keeps on the table.

The outstanding feature of the living room is the mammoth, cobble-stoned fireplace, eight feet across, constructed to burn huge driftwood logs. By banking the fire, it is possible to keep coals glowing and warm air rising all night, making the house comfortable in the early morning. A redwood stairway leads to the two bedrooms, tucked snugly under

[*Please turn to page 70*]

Children's parties—lessons in ETIQUETTE

Richard Garrison

A children's party is one of the easiest ways of teaching children social poise and grace—two assets of inestimable value in later life. The skillful handling of visitors is an art that must be acquired through repeated experiences that should begin in childhood before self-consciousness has set in. Above, a reproduction of table setting used by Mr. and Mrs. Lawrence Tibbett when they gave a party for their two children

MARIE EISENBRANDT

SHY children especially need the social training that parties give. Naturally they are most at ease in their own homes. Sharing the responsibility of a party with Mother, seeing that their small guests have an enjoyable time, will make them forget their own shyness and timidity.

This important training in etiquette which the party affords should begin early in life, but not too early. For the baby or the tot of three or four, parties are usually a mistake. They break into the child's daily routine, subject him to a possible danger of contagion from strange children and are, in fact, generally given not to please the child but to enhance Mother's ego.

However, if you feel that you must celebrate your baby's birthday and it is only natural that you should want to do so, merely bake him a birthday cake and invite to share it only the members of the immediate family to whom he is accustomed. The cake should be a plain, easily digested kind so that the baby can be given a very small piece with no danger of an upset stomach. It may be covered with a vanilla or a chocolate icing if sparingly applied and decorated with as many candles as the baby is old in years, or with these and the customary one extra candle "to grow on."

With children of four or even those a little younger who have reached the imaginative age, a purely fictitious tea party will afford the first lessons in deportment as host or hostess. Ann Marie entertaining Billie on a rainy afternoon should be encouraged to bring out her toy dishes and play at serving tea, learning to hand Billie his teacup before serving herself, to inquire as to his wants with regard to cream or lemon, sugar, and cookies. If young Bill is the host for Ann Marie he should be taught to pull her chair out for her and to ask courteously if she will be kind enough to pour.

After a few practice parties with imaginary food, real cocoa or milk with cookies or crackers can be supplied so that Ann Marie may develop skill in filling the cups and serving her guest gracefully.

Mother, however, must remember that the food for such impromptu tea parties should be both simple and limited, so as not to take away the children's appetite for supper.

With such a small child, if you again feel that his birthday must be celebrated in some way, simply invite the few children with whom he plays daily and serve an unexpected feast of plain vanilla ice cream and cookies, sponge or angel food cake along with his regular midday meal.

But when a young son or daughter has reached the mature age of five or six and is mingling with other children in school or kindergarten, a party every now and then should be an expected event. And remember, they should not be elaborate affairs which mean a lot of work for a busy mother, but simple, friendly little parties which the children can help to manage.

In planning the party, continue the lessons in etiquette. Start by making a list of the guests to be invited. Go over the list with the child giving the party. Where there are several children in a family it is usually wise to allow each child to give his own party. Birthdays make this selection of the favored one a natural and readily accepted fact. Include in the list any special friends the birthday child wishes invited. Explain the unkindness of leaving out a small but unpopular neighbor. And don't invite too many. A small party of children of the same age group and including very few who are strange to each other is the easiest to give and the most successful.

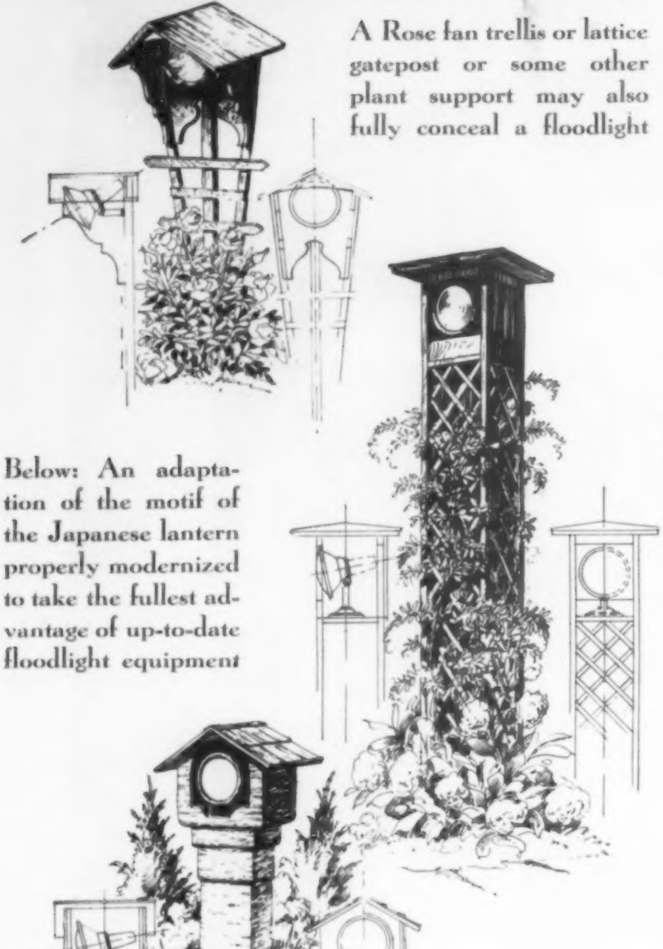
Allow the child to issue the invitations himself—by telephone, in person or, if he is able to write, in the shape of an informal, simply worded note such as:

> Dear Mary,
> I am having a party on Wednesday afternoon, April 18th at 3 o'clock and hope you will come to it.
> Sincerely,
> Robert

Once the acceptances are in, food for the party can be planned and ordered. Here again

[*Please turn to page 63*]

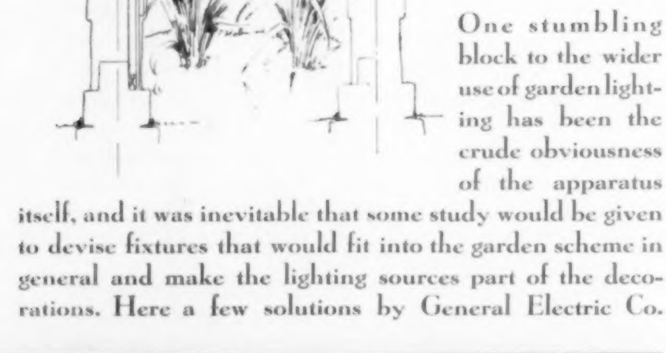
Iris Rot : LIME FALLACY : *Land Plaster*



A Rose fan trellis or lattice gatepost or some other plant support may also fully conceal a floodlight

Below: An adaptation of the motif of the Japanese lantern properly modernized to take the fullest advantage of up-to-date floodlight equipment

One stumbling block to the wider use of garden lighting has been the crude obviousness of the apparatus itself, and it was inevitable that some study would be given to devise fixtures that would fit into the garden scheme in general and make the lighting sources part of the decorations. Here a few solutions by General Electric Co.



Harry G. Healy

Bearded Irises, rot and lime! There is much misunderstanding concerning this trinity. On the facing page Dr. F. W. Cassebeer explains how the "Iris-likes-lime" fallacy originally was started. The fact is that lime favors the rot

THE garden is now at its floriferous best and it is a good time to lounge around on the sun porch, contemplate triumphantly and perhaps a little bit vainly on the gift of the garden's bloom. The Roses, Delphiniums, Iris, and the herbaceous border are almost in their very peak of perfection. But the inclination to sit back and take Nature's bounty in satisfied complacency is, after all, not the true course for the real gardener. He must be up and doing—no rest, whether he be wicked or good! Reduced to its simplest, the problem of early summer is to fight down the robber band—those insidious weeds that luxuriate so easily and rob the soil of its moisture. Hoed out now, the heated ground and summer sun will do the rest. It is easier to fight the weeds now than in any other time. Duty No. 2: pick the fading flowers. Don't let seed form, because that draws on the food reserves and particularly with the annuals. True annuals die with the forming of seed. That is a word to the wise.

hey, water boy!

If a plant thirsts and the grateful rains of Heaven do not fall, the call for water is insistent. It is water, or hoe. Hoeing keeps a mulch on the ground which breaks the ascending column of moisture. After two weeks of dry weather, almost any garden needs water, and on sandy soils, perhaps a week is the limit of drought resistance. If there is fading of the leaves in the latter part of the day, look to the water supply. Overhead sprinkling is pretty but it doesn't really go far enough—not unless you keep the sprinkler going until the ground is soaked several inches deep. It's more practical to let the water flood directly over the ground, but don't let the water run from the hose forcefully enough to wash the soil or fast enough to run off. The amount of water actually needed to soak the soil properly has been estimated as a quantity sufficient to cover the entire surface one inch deep—and that sounds like a lot. But, early summer soaking is a great factor in August well-being.

forewarned is forearmed

This matter of watering has another angle. The insidious red spider that disfigures plants in so many suburban gardens is best attacked by plain ambient moisture. And, here, is where surface spraying or overhead sprinkling will do good. The tall Perennial Phlox, soon to come into bloom, the foliage of many Climbing Roses, especially where trained near a house or on a hot, dry corner; some of the dense-leaved Evergreens, especially Spruces, that take on a rusty, dusty kind of appearance in mid-summer, are usually hosts to this devastating little mite. Remember that watering is the great remedy. There are some special spray preparations which help, mixed with water, to attack the present insect, but the chief remedy is to make the conditions usually uncongenial. But, precaution—don't let yourself in for chemical treatment of the roots or for medicaments applied to the soil with the idea of controlling red spider up above. And while thinking of the red spider, also think of mildew that may come to the Iris, the Phlox foliage, the young Chrysanthemums and some of the Climbing Roses. Mildew is not an actual disease. It doesn't grow in the plant but grows on it and is easily controlled by any surface fungicide.

vagaries of varieties

The very fact that plants vary, one from another, captures the fancy of the observant gardener. No two individuals are absolutely identical in every detail. If the differences are not too great and these differences ring the changes within somewhat narrow limits, we refer to the plant as a species and give it a name as an entity. Variant forms—tall, dwarf, hairy, different colors, single or double, as the case may be, are quite likely to be distinguished as varieties.

Naturally, the horticulturist looks from a viewpoint that is somewhat different from that taken by the botanist. The gardener is an esthetic utilitarian. Variety is indeed the spice of his life and he is always keenly on the lookout for new divergencies from the standard type. These he segregates, propagates, and increases, and gives the new discovery a new name to identify it as an individual. If these varieties are increased by vegetative reproduction—by means of cuttings or grafts or buds, so that all the entire stock of that one particular variety in the world is in fact nothing but a multitude of pieces of one original individual, this is what the technicians mean when they speak of a "clone," a word that has been lately worming its way into discussion about plants and must be understood by the cultivator who wants to be up to date.

The plant may also show any kind of variation in the individual seedlings—sometimes very greatly different, sometimes only slightly so. An outstanding example of seed variety is the Dahlia. You gather seeds from a Dahlia plant, if you are lucky, and if you are still more lucky you may get a corresponding number of absolutely distinct individual plants. Each one is a variety. If by a stroke of fortune any one of such a multitude has outstanding individuality and merit and it is propagated then by cuttings or by other methods of division, the entire aggregation of the individuals thus propagated is properly called a "clone."

WATER : *Vagaries of Varieties* : "MUMS"

iris rot and the lime fallacy

That lime is good for Bearded Irises, that it promotes their health, and should be used freely in the preparation of the soil where Bearded Irises are to be planted, may or may not be true. The bald statement is likely to lead to trouble and Dr. F. W. Cassebeer, who is both a chemist and an Iris fancier, offers some pertinent advice on the subject. "It is unfortunate" he says, "that these statements are made so often and so positively, when there is considerable evidence to the contrary, accumulated by Iris growers in recent years. In fact, it is now generally recognized that lime, at least in the alkaline forms of it, is especially conducive to rhizome rot and should be used only with decidedly acid soils."

"My own experience with growing Irises has definitely convinced me that alkaline lime should not be used with the Bearded or Rhizomatous varieties. When I first began growing these beautiful flowers, I hearkened unto catalogs and magazine articles and used lime freely on my Iris beds, and had periodic devastations of rhizome rot. Then a few seasons ago I read a paragraph by someone who questioned the value of lime for Irises and who thought it brought on root rot. Believing that he might be right I omitted all lime from new Iris beds and I have had no rot since that day."

but use land plaster

Even more convincing is the experience of a close friend of the doctor, an Iris fancier with a large collection of fine varieties. "He was accustomed to use even larger amounts of lime than I did, and at times lost as many as one third of his valuable Irises through rhizome rot in one season. When he stopped using lime his troubles gradually disappeared and today there is no vestige of rot in his extensive plantings. That many others can tell similar stories is attested by the warnings that have appeared from time to time in the bulletins of the American Iris Society against the use of lime. It is alleged that all this misconception about lime came into being at a lecture given by the late Mr. Bliss, famous English Iris breeder, before the Royal Horticultural Society over fifteen years ago. In his lecture he is said to have advocated the use of *sulfate* of lime in preparing the soil for Bearded Iris. This was all perfectly correct, for neutral calcium sulfate, gypsum, or land plaster does help to prevent fungus diseases on Iris foliage. However, the slip-up came when this information was written up as just lime (not sulfate of lime) thereby meaning in America the commonly accepted alkaline forms of lime such as agricultural lime, quick lime, slaked lime, etc. And ever since then it has been erroneously handed down from one magazine and garden handbook to another—more often bringing grief than joy to those who would grow good Bearded Irises."

the quality of restraint

"I wish I had a small garden" very feelingly writes Mrs. Walter Brewster of Illinois, a leading garden club member, who has given a helping hand to many who would walk the floral path. I am sure she will have many to agree among those who started too energetically. Better by far to have a moderate garden well tended with individual character than to have a large lot of units spread loosely over a great deal of space. To quote further: "Now that thirty years of gardening have made me a reasonably seasoned gardener I know what I would do if I were starting fresh. No matter how great the surrounding expanse, I would have a small garden. It would be formal in that it would be definitely enclosed and follow a rigidly ordered plan. In it would be few varieties of flowers, each the very best variety of its kind. These would be chosen through careful study of color, texture, form, and adaptability to local conditions. My own taste would be my guide for color, form, and texture; all the information I could gather from local experts my guide to adaptability. I would make no effort for continuous bloom but create a fine green background for a succession of blooms.'

We have a very sympathetic feeling to all that Mrs. Brewster has so succinctly stated and suggest particularly that if you are blessed with only a very small garden to restrain your energies and have a little; but that little, good.

good gardens are clean

Ever notice that the good gardener seems to be little bothered with disease and insects; while the careless, indifferent gardener's plants seem to harbor all the ills that can be gathered? It is so, and largely because disease, whether by insect invasion or fungus infection is, to a large degree, Nature's method for the removal of the unfit. Nature loves luxurious, vigorous growth; and for the poorly handled, starved, dwarfed, stunted specimen, she has no use whatever. So, the scavenger is sent. The first step we urged upon you in an earlier issue was good soil preparation—digging deeply, adding food. The second step is getting good plants properly started in their babyhood—not starved, stunted seedlings—and then give them plenty of room in which to grow.

J. Horace McFarland Co.

Astilbe Gertrude Brix; with dark crimson red flower spikes two feet high in June and July. The very fact that the feathery white Astilbe was an old-time florist's Spirea for Easter has established a sort of inhibition that these Astilbes are delicate or tender, but the truth is quite otherwise. The feathery branching, colorful trusses of the modern varieties are doubly welcome particularly in the late summer season

There is always room for another flower holder, apparently, and here is a modern gadget, quite modernistic in design, too. Made of Bakelite in opaline semi-transparent white; suction cup of pure para gum rubber which will not get hard. From The Specialty Guild, Inc.

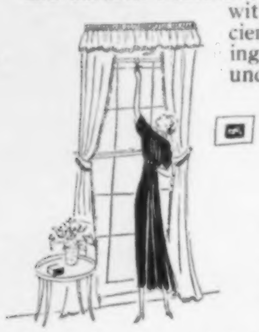
Gardener's ALBUM .. *No.* 7

TO HELP YOU HOUSEKEEP

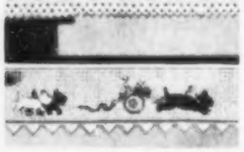
LISSA NORCROSS AND EMILY HERZOG

RUTLAND
PATCHING
PLASTER

Rutland Patching Plaster is a good break and crack "patcher-upper" for plastered walls and ceilings, also for filling joints in wallboard, pointing and patching stucco and brick surfaces, and smoothing out uneven surfaces in walls. Because it does not require a large amount of water to give a suitable working mixture, it has very little, if any, shrinkage as it dries. It adheres firmly to broken edges and is hard and durable. Because it sets slowly, it is easy to work with. However, it dries in a sufficiently short time to permit painting or papering over it without undue delay when necessary.

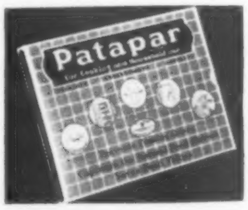


A way of keeping window shades harnessed to the window so they can't blow out and won't unwind has just come on the market. It's a little rubber gadget which slips over the shade-pull eyelet, and is screwed in. By sheer suction your shade is prevented from tap-tap-tapping in a breeze. There's no climbing up and reaching for a runaway shade on especially stormy nights. It is designed for shades that are hung about an inch or less from the top of the window frame. If the space between rolled-up shade and top of window frame is more, it's a simple enough job to raise the brackets. For fifteen cents each or two for a quarter, these gadgets prolong the lives of your shades. They come in white, buff, and green, and are soon to be made in red, too, to add that colorful spot for the kitchen or sunporch.

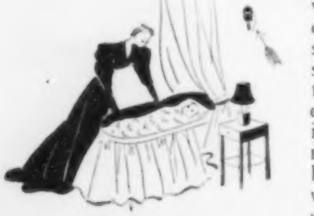


Royaledge paper shelving is a gay and attractive addition to any cupboard shelf—whether it be kitchen cupboard, linen closet, or what have you. It is made of strong paper and has a double edge to prevent rolling. Will not tear, is dust and grease resistant, and can easily be freshened up by rubbing over with a damp cloth. There are several patterns to choose from and each pattern comes in many different color combinations. It is most inexpensive and can be procured at stationery and department stores.

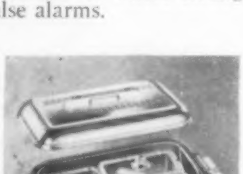
How many times have you opened every door and window in the house, to get that unpleasant odor of cooked cauliflower or onions out of the house before the guests arrive? No longer do you need to worry—just use Patapar in which to cook your "odoriferous" vegetables as well as all other vegetables. You can also bake fish and roast fowl in it. It is a parchment paper in which you tie your vegetables or meats and fish before putting them in the saucepan or roaster. It seals in food flavors and odors and keeps food values from being dissolved out into the water in which they are cooked. Two or three vegetables can be cooked in the same saucepan and on one burner.



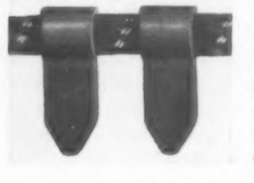
Your perennial dread of fires can be assuaged with a home fire alarm signal that looks like an attractive wall fixture. Inobtrusive, inexpensive, guaranteed foolproof, it sets up an intermittent howl that unmistakably shrieks "F-I-R-E" whenever the temperature starts to rise fifteen or twenty degrees a minute. There are extensions which can be wired to bedrooms, so that sleeping householders will hear them, even if the original howler is in the basement. Another thermostat on the signal starts the alarm if, by any chance, the temperature should rise more slowly, from a smouldering fire. This one begins when the heat is at 150, regardless of why. Care should be taken not to hang this signal right above a radiator or where strong sunlight will shine on it, otherwise there might be false alarms.



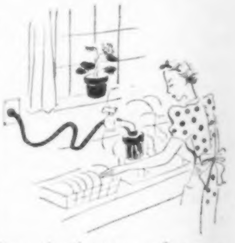
Westinghouse has just put out a smart new signaling adjustomatic electric roaster. It is rectangular in shape and the exterior is black baked-on enamel, with chrome plate trim, chrome cover, and cool wood handles. It contains a large rectangular, vitreous enamel inset, a wire trivet and lifting rack with handles, and three rectangular heat-resisting dishes, two with covers. Ideal for summer roasting and baking instead of using the oven for two or three hours. At low temperature it serves as buffet warmer, for simmer cooking and as a warming oven.



Here are some little gadgets that will save you lots of trouble. Push-Clips to keep your lamp, radio, and telephone wires off the floor. Just push in crack between baseboard and wall. Will not mar the wall. They are easy to install, no tools being needed, and are easily adjusted, too. They are also anti-window rattlers. For that rattling window that disturbs your sleep and peace of mind, just insert a Push-Clip between window and window sash and that nerve-racking rattling stops immediately. Can be purchased in china, hardware, and electrical shops or those same departments of any department store.



The joys of living at the seashore or in the mountains are enhanced by transplanting city comforts there. First of these is—hot water. But you don't need very much, what with cold meals and daily dips in ocean or lake. Why not heat your water as you use it? There's an electric heater that fastens right on the water faucet and gives you hot water instantaneously. You attach it, turn on the water, and plug it into an outlet not more than eight feet from the faucet, since the rubber cable that comes with it is eight feet long. You control the temperature by the size of the stream—the smaller, the hotter, of course. This midget heater costs only $1.50, and you can get new heating elements for it for another twenty-five cents. It won't work on automatic shut-off faucets, but anywhere else it's a godsend. Just be careful not to connect and disconnect it with wet hands, same as any other electrical appliance.

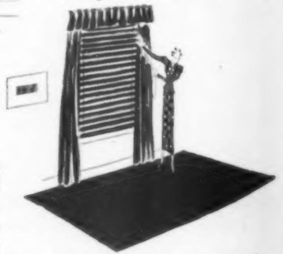


Stone floors for that enclosed porch are a cool idea for summer. Do you know that you can paint with liquid, imitation stone over any fireproofed surface? There's a man-made stone that comes ready mixed for application with brush or trowel and hardens to stone-like consistency in forty-eight hours. Although usually used for walls, where it can have the highly polished finish of marble or the dull, coarse look of stucco, it's a good idea for floors in sunporch, kitchen or bathroom, being washable and fire-resisting. One gallon costs $1.80, but will cover from fifty to ninety square feet.

This handy tea kettle is only one of the many convenient pieces of equipment in the new matched Nesco kitchen ware. They are white with black trim and bright red knobs. They add a gay color note to any kitchen and, besides being most efficient, are very attractive. Made of heavy triple coated enamel and have inner linings that are completely stainless and acid resisting. Of interest too is the new feature of the double boiler (not shown) that goes with this set. It is made with a rounded bottom insert.

"But I live in the country where there isn't electricity or gas," wails a rural reader. Cheer up. You can have some city comforts. Mechanical refrigeration, for instance. There is a nationally advertised refrigerator that can operate on kerosene. The very same refrigerator that goes into the swankiest Park Avenue apartments can go into your log cabin under the trees. The only difference is that in the one a tiny gas flame or hydro-electric power supplies the heat which circulates the refrigerant through the coils, while in the other it is a kerosene burner that does the job. The sole operating expense is the cost of the kerosene—about three or four cents a day.

The products and appliances referred to here may be found in the large housefurnishing stores in your nearest city

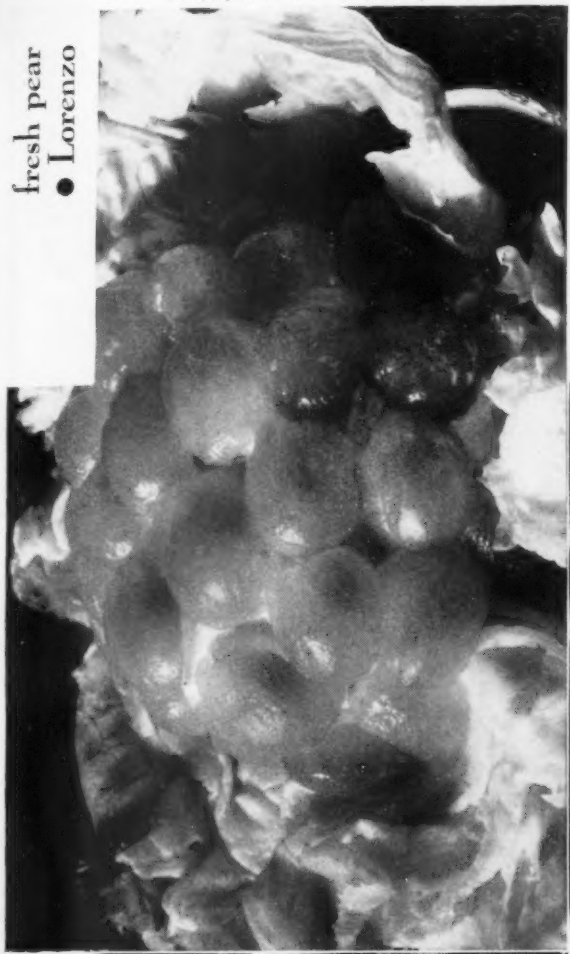


Breathes there a woman with soul so dead who never to herself has said: "I wish I could afford Venetian blinds throughout my house!" Well, she can have controlled sunlight at all her windows today, at $1.75 each window, if she gets the new window shades which are built in slats, like Venetian blinds. Made of a new stiff shade material, these window dresses are cut and folded to form openings running horizontally across the shades, something like accordion pleats. They last about as long as regular shades, but you can keep them drawn during hot summer weather without choking off any vestige of breeze that happens to drift by. The slats won't tilt the way real Venetian blinds do, but the light is deflected by the diagonal position of the vents.

A salad a day

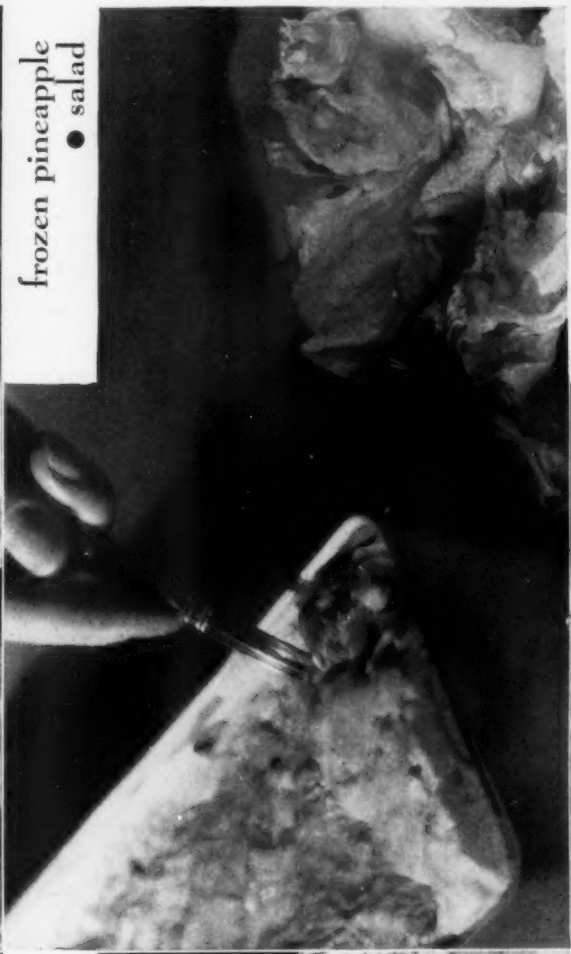
Salad is synonymous with summer. On those languid, devitalizing days when even the thought of a heavy meal makes one feel hot, a crisp salad fills the bill as nothing else can, both from a nutritional as well as a psychological standpoint.—FLORENCE E. FIELD

Recipe printed on back of each photograph



fresh pear • Lorenzo

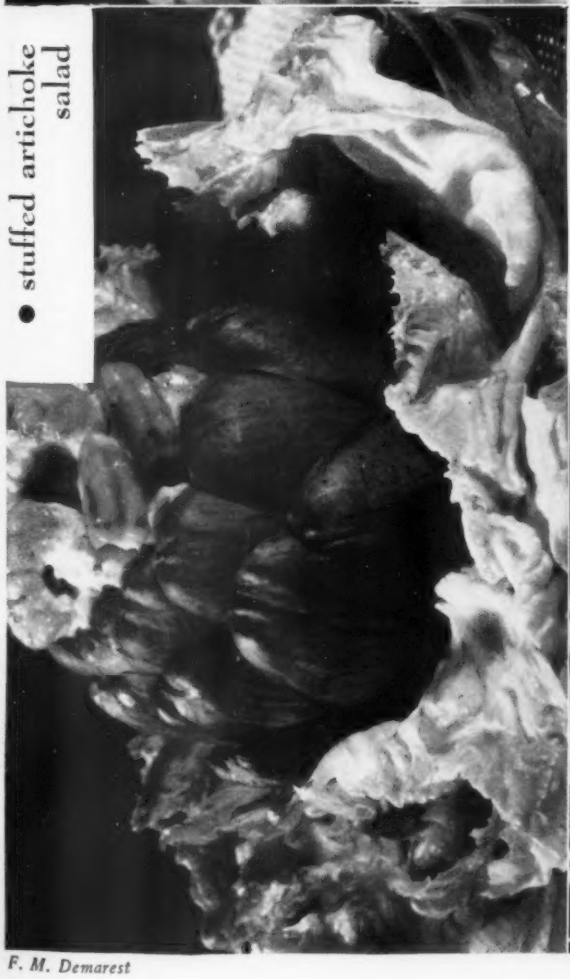
Recipe printed on back of each photograph



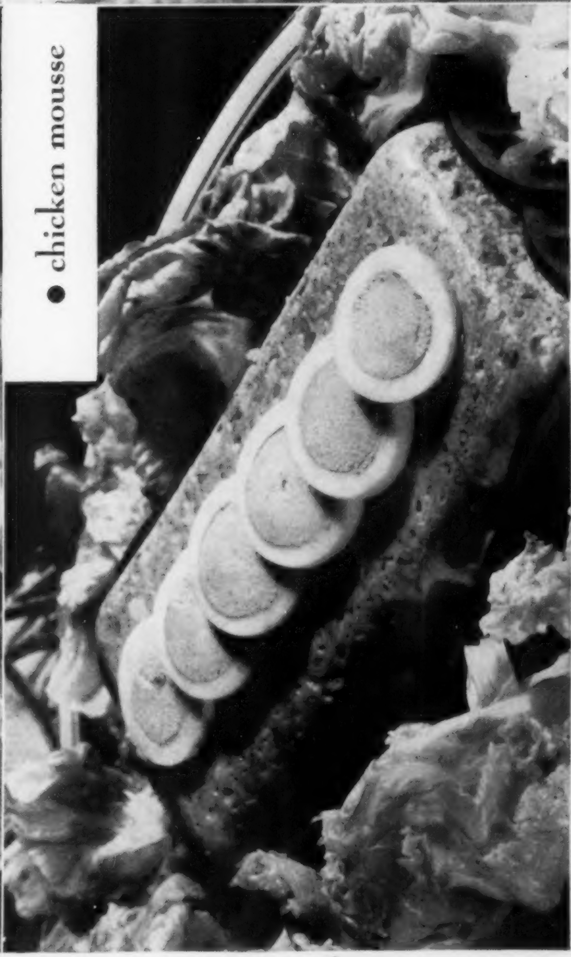
frozen pineapple • salad

Recipe printed on back of each photograph

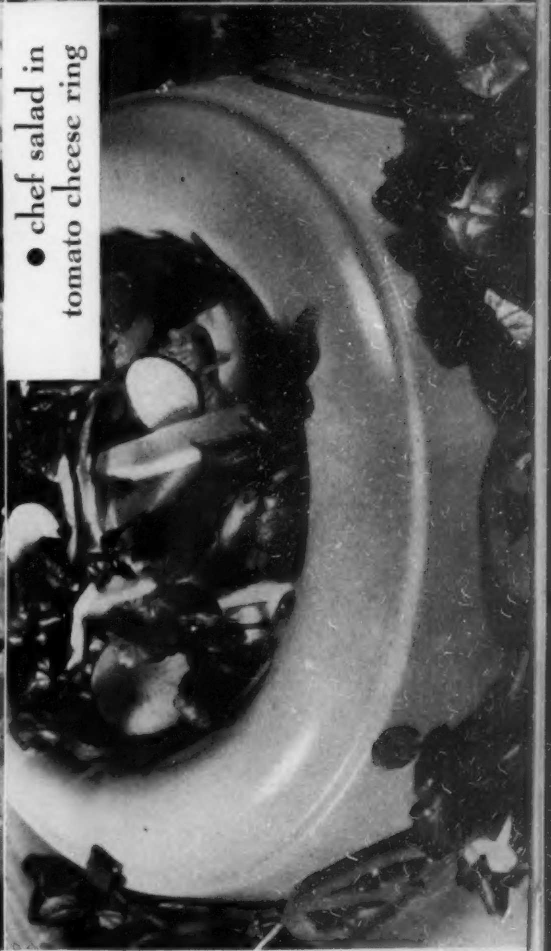
• macedoine of fresh vegetables



• stuffed artichoke salad



• chicken mousse



• chef salad in tomato cheese ring

F. M. Demarest

A salad a day

Fruits, vegetables, sea food, and carefully selected combinations of these all lend themselves to the making of appetizing salads for daily consumption as the main course, as the side dish with meat, or in place of dessert.—FLORENCE E. FIELD

Photograph printed on back of each recipe

Photograph printed on back of each recipe

Photograph printed on back of each recipe

• chef salad in tomato cheese ring

2 packages lemon flavored gelatin
3 cupfuls tomato juice, heated
2 packages cream cheese
1 cupful mayonnaise

DISSOLVE gelatin in hot tomato juice. Mix the cream cheese with mayonnaise and add to cooled tomato gelatin. Mix well and place in well oiled ring mold. Chill in refrigerator until firm. When ready to serve, unmold and fill center of ring with following Chef Salad.

Chef Salad

½ small head lettuce, broken in pieces
½ bunch watercress
¼ cucumber, sliced thin
10 radishes, sliced thin
¼ cupful diced celery
2 chopped hard cooked eggs
Few sprigs chickory
1 dozen rolled anchovy filets
Few strips of thinly sliced Swiss or American cheese
Garlic
French dressing

Rub salad bowl with garlic. Put all ingredients into bowl. Pour over just enough French dressing to coat salad greens. Toss lightly with wooden fork and spoon until well mixed.

Tested by THE AMERICAN HOME

• macedoine of fresh vegetables

1 cupful cooked green peas
1 cupful cooked fresh lima beans
½ cupful shredded raw carrots
1 cucumber, sliced
1 cupful shredded raw cabbage
2 tomatoes, quartered
1 small head lettuce, cut in eighths
Small bunch watercress
French dressing
Garlic

RUB salad bowl with garlic. Put all ingredients in bowl. Pour over enough French dressing to moisten ingredients thoroughly. Toss lightly with wooden fork and spoon. Garnish with watercress and serve well chilled.

Tested by THE AMERICAN HOME

• chicken mousse

1 tablespoonful plain gelatin
2 tablespoonfuls cold water
3 egg yolks
1½ cupfuls chicken broth
1 teaspoonful salt
½ cupful whipped cream
2 cupfuls cooked chicken, chopped
½ cupful blanched almonds, chopped
2 tablespoonfuls minced pimiento
¼ cupful chopped sweet pickles

SOAK gelatin in cold water for 15 minutes. Beat egg yolks and add chicken broth. Cook yolks and broth in top of double boiler until mixture coats the spoon. Add gelatin and salt and cool. When cool, add chicken, almonds, pimiento, pickles, and cream. Pour into well-oiled mold and chill. Unmold on bed of lettuce and garnish with sliced tomatoes, sliced egg, watercress and radishes. Serve with mayonnaise which has been mixed with half as much whipped cream.

Tested by THE AMERICAN HOME

frozen pineapple • salad

1 No. 2 can shredded pineapple
1 No. 2 can peaches
1 No. 2 can Royal Ann cherries
1 cupful mayonnaise
1 pint whipped cream

DRAIN fruit, cut peaches into small pieces, and pit cherries. Mix all fruit together. Add mayonnaise which has been mixed with whipped cream. Put in tray of mechanical refrigerator to freeze or pack in ice and salt for 4 hours. Serve on bed of lettuce with mayonnaise which has been mixed with half as much whipped cream as a garnish.

Tested by THE AMERICAN HOME

• stuffed artichoke salad

(for 1 salad)
1 French artichoke
½ cupful shrimp
¼ cupful mayonnaise
¼ cupful diced celery

CUT off stem of artichoke. Boil for 1 hour in salted water to which 1 tablespoonful vinegar has been added. When cooked, remove from water, drain, remove choke* and chill. Fill with shrimp and celery which have been mixed with mayonnaise. Place on bed of crisp lettuce and serve.

*The "choke" is the thorny section in the center of the artichoke.

Tested by THE AMERICAN HOME

fresh pear • Lorenzo

(for 4 salads)
2 fresh pears, peeled, cored and halved lengthwise
1 head lettuce
4 teaspoonfuls raspberry jam
1 package cream cheese
½ pound seedless green grapes, peeled and halved lengthwise
French dressing

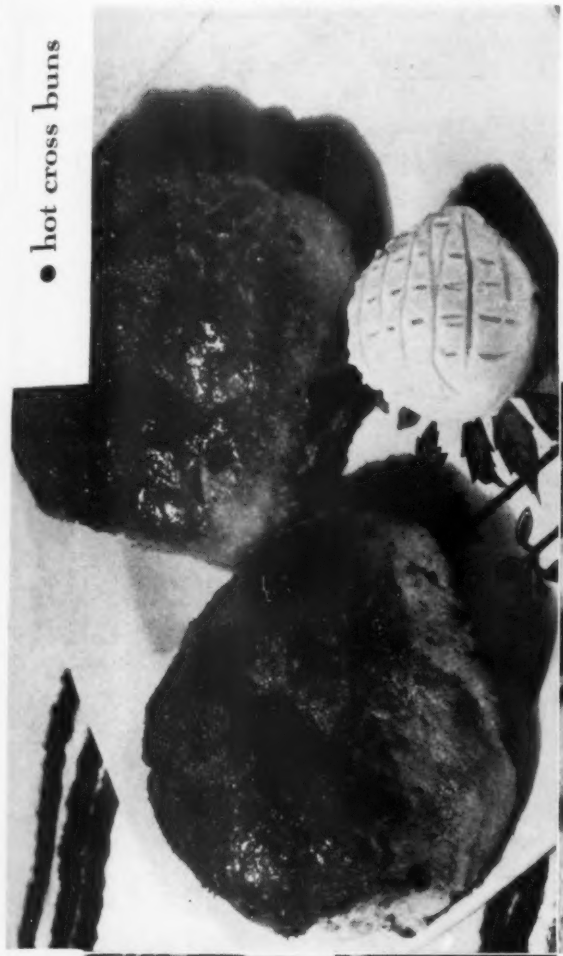
FILL cored cavities of pears with raspberry jam. Invert on lettuce using one half for each individual salad. Coat pear with cream cheese and cover with halved seedless grapes, placed closely together. Serve with French Dressing.

Tested by THE AMERICAN HOME

Swedish sweet breads and fancy rolls

Since half the fun of going to Sweden lies in telling, when you get back, about the food specialties of the country, you will find it amusing to entertain the curious with some stories of the many delightful Scandinavian sweet breads. And even if you have not visited the Vikings' land, you will get much pleasure in experimenting with these uniquely flavored doughs.—DOROTHY GLADYS SPICER

Recipe printed on back of each photograph



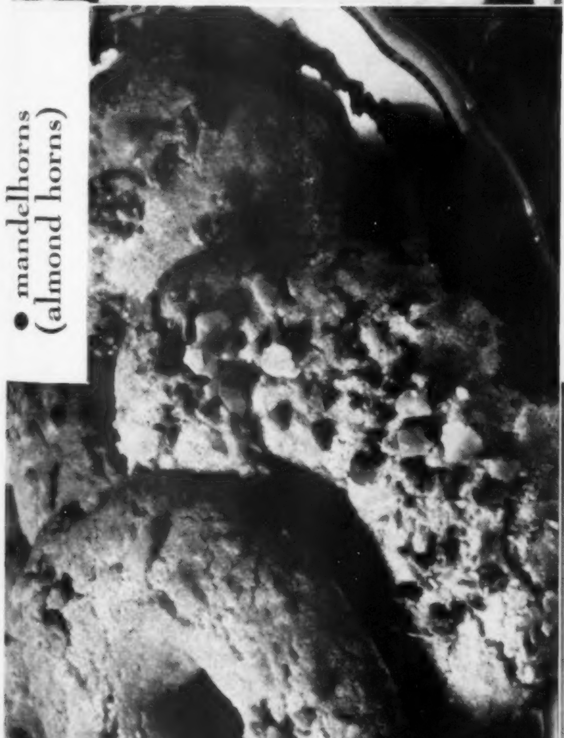
● hot cross buns

Recipe printed on back of each photograph

● cinnamon squares

Recipe printed on back of each photograph

● Svensk kaffebrod (Swedish coffee bread)



● mandelhorns (almond horns)

● Swedish limpe

● Swedish tea rings

F. M. Demarest

Swedish sweet breads and fancy rolls

One of the most charming things about Swedish sweet breads is that most of them are associated in the popular mind with ancient customs and traditions. Almost every great holiday has its special bread stuffs, the recipes for which have been handed down from mother to daughter for hundreds of years.—DOROTHY GLADYS SPICER

Photograph printed on back of each recipe

• Swedish tea rings

2½ cupfuls milk, scalded
1 yeast cake
½ cupful butter, melted
⅔ cupful granulated sugar
7 cupfuls flour
1 egg
½ teaspoonful salt
1 teaspoonful vanilla extract
⅔ cupful blanched almonds, chopped
1 teaspoonful crushed cardamon, or cinnamon
½ cupful melted butter
½ cupful granulated sugar

SCALD milk and cool to lukewarm. Dissolve yeast in ½ cupful of the cooled milk. Add ½ cupful flour beating it in well; cover mixture and allow to rise for 1 hour. Then add remaining 2 cupfuls milk and 4½ cupfuls flour. Stir thoroughly, cover and let rise for 1 hour. Then add the first ½ cupful melted butter, well beaten egg, the ⅔ cupful sugar, salt, flavoring, and 1½ cupfuls flour. Flour a pastry cloth with the ½ cupful flour that is left, turn dough out, knead until all flour on cloth is kneaded into dough.

Divide the dough into 3 parts, as this amount will make 3 rings. Roll out each portion into a long roll. Place on *unfloured* pastry board and roll out as thin as possible. Do not be troubled if mixture sticks to board as it can easily be lifted with spatula. Spread dough with the second ½ cupful melted butter, sprinkle with the ½ cupful sugar mixed with the cardamon or cinnamon, and chopped almonds. Roll up lengthwise like jelly roll and join into a ring. Set on a well-buttered pan, cut into sections with scissors, pat into shape and allow to rise for ½ hour. Bake for 30 minutes in a moderate (350° F.) oven.

• Svensk kaffebrod (Swedish coffee bread)

10 cupfuls flour
3 cupfuls milk
½ yeast cake
½ cupful butter
¼ cupful shortening
¾ cupful granulated sugar
Yolk of 1 egg
1 teaspoonful salt
⅛ teaspoonful nutmeg
⅛ teaspoonful cardamon seed
⅛ teaspoonful cinnamon
½ cupful raisins, chopped fine
¼ cupful currants

PLACE flour in large mixing bowl. Gradually add milk which has been heated to lukewarm, egg yolk, well beaten, yeast which has been dissolved in ½ cupful of the milk, shortening, sugar, cinnamon, nutmeg, and cardamon. Mix carefully to keep dough from lumping and work until none of the batter sticks to the hands. Cover and put aside in warm place, and let rise for 6-8 hours.

Grease pans with lard. Cut pieces of dough and roll out, sprinkle with fruit and roll up in twists, knots, rolls, etc. Set aside to rise again for 1 hour. Bake in a very hot (475° F.) oven until brown (about 15 minutes). If desired, brush with beaten egg and sprinkle with sugar and cinnamon.

Tested by THE AMERICAN HOME

• Swedish limpe

2 cupfuls water
½ cupful brown sugar
1 heaping teaspoonful caraway seed
1 level tablespoonful lard
1 teaspoonful chopped orange peel, or scant teaspoonful anise seed
½ yeast cake
White flour as needed (approximately 3½ cupfuls)
1 teaspoonful salt
Rye flour as needed (approximately 2 cupfuls)

BOIL together water, sugar, caraway seeds, lard and orange peel (or anise seed) for 3 minutes. Let mixture become lukewarm. Add yeast. Stir thoroughly, gradually adding sufficient white flour to make a soft dough. Place dough in a warm place and let rise for 1½ hours. Then add salt and enough rye flour to make a stiff dough. Let rise again for 2 hours. Shape into loaf, put into greased loaf tin and let rise again for half an hour. Bake in a moderate (350° F.) oven for an hour.

Tested by THE AMERICAN HOME

• cinnamon squares

6 medium sized white potatoes
1 teaspoonful salt
Flour as needed (about 6 cupfuls)
Cinnamon
Sugar
Melted butter

BOIL potatoes until mealy. Mash and add salt and sufficient flour to make a stiff dough. Roll out on floured board very thin. Cut into fairly large squares and bake to a delicate brown in a hot (425° F.) oven. Remove from oven, spread with melted butter, sprinkle with sugar and cinnamon. Fold corners up to center, and serve hot for tea. A spoonful of jam may be used instead of the cinnamon if desired.

Tested by THE AMERICAN HOME

• mandelhorns (almond horns)

2 cupfuls blanched almonds, chopped
3½ cupfuls granulated sugar
5 egg whites
1 teaspoonful vanilla

MIX together the almonds and sugar. Beat egg whites until stiff and fold into almond and sugar mixture. Add vanilla. Form into small crescent shaped pieces on a well-buttered cookie sheet, sprinkle with chopped almonds and bake in a moderate (350° F.) oven until delicate brown—about 20 minutes.

Tested by THE AMERICAN HOME

• hot cross buns

10 cupfuls flour
3 cupfuls milk
½ yeast cake
½ cupful butter
¼ cupful shortening
¾ cupful granulated sugar
Yolk of 1 egg
1 teaspoonful salt
⅛ teaspoonful nutmeg
⅛ teaspoonful cardamon seed
⅛ teaspoonful cinnamon

PLACE flour in large mixing bowl. Gradually add milk which has been heated to lukewarm, egg yolk, well beaten, yeast which has been dissolved in ½ cupful of the milk, shortening, sugar, cinnamon, nutmeg, and cardamon. Mix carefully to keep dough from lumping and work until none of the batter sticks to the hands. Cover and put aside in a warm place and let rise for 6-8 hours.

Cut dough in small pieces about half as large as an egg. Roll into small balls. Place 2 balls close together in a well-greased pan and let rise for 1 hour. When dough has risen, cut a cross on each piece. Bake in a hot (475° F.) oven for about 15 minutes or until brown. Brush over with cream and egg (1 egg to 2 tablespoonfuls cream) well beaten; sprinkle with sugar and cinnamon. Serve hot or cold.

Tested by THE AMERICAN HOME

Sundays AT SEVEN

HEINZ
HEINZ

SUNDAYS at seven—at nine—or eleven—whenever the crowd decides to eat—bring on the ample, wooden bowl heaped high with greens. For the ritual of the salad bowl is the cynosure of supper tables.

There was a time—in the days of powdered wigs and flaring sconces—when the honor of mixing the salad was reserved for the youngest and loveliest lady in the party. A custom, it would seem, that must have called for delicate diplomacy.

Nowadays the saladeer is quite as apt to be a man as a woman. And the way of man with a salad surpasses understanding, for each guards jealously his private contribution to the gentle art.

There is one point, however, upon which all salad artists agree. It is this: The success of a salad depends upon the excellence, purity and flavor of the ingredients. Which means that for salads, only pure, imported olive oil and mellow, winy vinegar will do!

That's why knowing saladeers insist upon the products of the famous House of Heinz, maker of the 57 Varieties.

One of my friends—a painter and noted gourmet—once said to me that Heinz olive oil is the body of his salads, but Heinz vintage cider vinegar—wine of apples—is the soul. This spirited cider vinegar, he said, gives lift to a salad that no ordinary vinegar can impart.

Heinz vinegar is made like fine wine and aged in the wood. So we ask that you appraise it as you would wine—by its sparkling color, its rich bouquet, its mellow smoothness.

But why not judge for yourself? Do insist upon Heinz.

Advertisement

By Josephine Gibson

SHE COULDN'T BELIEVE HER EYES!
...11 GLASSES OF JELLY INSTEAD OF 7 FROM ONLY 4 CUPS OF JUICE!
BUT BETTY! HOW COULD 4 CUPS OF JUICE MAKE 11 GLASSES OF JELLY?
BECAUSE I USED CERTO! FOR WITH THIS MODERN METHOD YOU AVERAGE HALF AGAIN MORE GLASSES ...11 INSTEAD OF 7!
BUT WHY?
WITH THIS CERTO RECIPE YOU BOIL ONLY ½ MINUTE! SO NONE OF THE JUICE HAS A CHANCE TO BOIL AWAY... AS IT DOES BY THE "LONG-BOIL" METHOD!

AND THAT ½ MINUTE BOIL SAVES TIME TOO...THE WHOLE JOB TOOK ME LESS THAN 15 MINUTES AFTER MY JUICE WAS PREPARED!
HOW WONDERFUL! I SOMETIMES SPEND HOURS MAKING JAM OR JELLY!
YOU DON'T NEED TO WORRY ABOUT FAILURES, EITHER. WITH CERTO, ALL FRUITS JELL PERFECTLY!
THE FLAVOR IS MUCH BETTER, TOO. MORE LIKE THE FRESH RIPE FRUIT! FROM NOW ON, I'M GOING TO USE CERTO!

5 REASONS FOR MAKING ALL JAMS AND JELLIES WITH CERTO!

1. CERTO IS PURE FRUIT PECTIN. It makes jellies jell perfectly with only ½ minute boil. Gives jams perfect texture, too!

2. SAVES TIME... You can finish a whole batch of jam or jelly in less than 15 minutes after your fruit or juice is prepared.

3. SAVES MONEY... Because of that short boil, none of the juice boils away and you average half again more jelly!

4. YOU GET FINER FLAVOR, TOO—more like the fresh, ripe fruit. Short boiling saves flavor as well as juice. And there is no "boiled-down" taste!

5. BIG PRICE REDUCTION... Your grocer will tell you about Certo's new low price that makes jam and jelly making more economical than ever! *(Certo is a product of General Foods.)*

CERTO
FOR MAKING JAMS AND JELLIES

TESTED RECIPES UNDER THE LABEL OF EVERY BOTTLE

RASPBERRY
GRAPE
CURRANT

AH-7-36

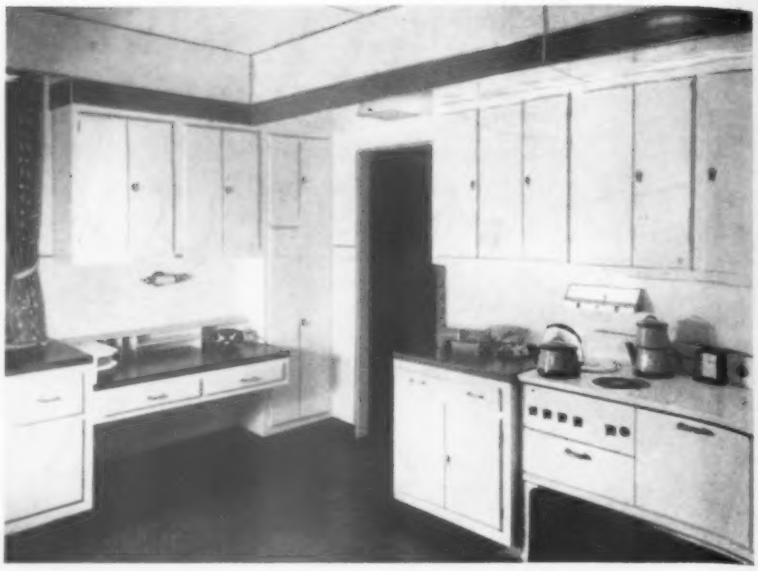
SPECIAL OFFER! 60 ASSORTED LABELS FOR JELLY GLASSES

Wouldn't you like the attractive book of jelly glass labels shown at the left? Just mail this coupon, along with the label from one bottle of Certo and a 3¢ stamp, to
GENERAL FOODS, BATTLE CREEK, MICHIGAN

NAME____________________

ADDRESS____________________

(IF YOU LIVE IN CANADA, ADDRESS GENERAL FOODS, LTD., COBOURG, ONTARIO)



White and blue is the color scheme of a kitchen done with side walls and ceiling of Masonite with chromium joint treatment by Marsh Wall Tile Co. The planning desk, correctly lighted and with convenient telephone, is an excellent idea

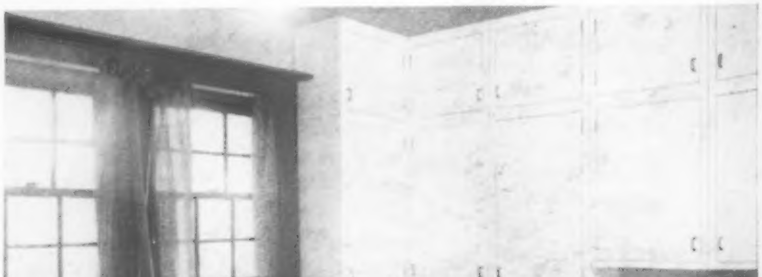
Let's talk about our kitchens!

[*Continued from page 29*]

In the old days kitchens were hot and stuffy, and in spite of the time-worn idea that all cooks were fat, we often wonder how these story book proportions were attained, much less kept (despite frequent tasting and testing) in the dreadful heat of those oven-like kitchens. Now, with well-insulated stoves and proper ventilation, modern kitchens may be just as cool as other rooms of the house. Proper ventilation is no longer a puzzle or an unattainable luxury. Ventilating fans are procurable in great variety and price ranges. They require no elaborate installation and usually are reversible so that stale, odor-laden air from the kitchen may be exhausted, or reversed, clean fresh air may be drawn into the room.

Once the mechanics of a kitchen are worked out, it is time to turn to the decorative scheme. Color has become an important feature in kitchen designing. The average woman loves color and where, if not in her workshop, should she let her flair for bright, gay colors display itself? We belong to the school that prefers the major equipment — range, refrigerator, and sink—in white, since it is likely that these will be fairly permanent. But everywhere else color is welcome: walls, floors, window trim; utensils, shelving, dish towels, condiment and spice jars —the latter come in fine colors, and many of them can be painted at home to match a definite color.

Also, there can be just as much individuality and personality in the kitchen as there is in the living room. Some of the photographs we show illustrate graphically how successfully this can be done.



A recently remodeled kitchen is equipped with a double bowl cabinet sink with Monel Metal top, also supplied for the cabinets and the Hotpoint Range

Bon Ami
Powder
For all the Finer Kinds of Polishing and Cleaning

"I do it the easy way ...with Bon Ami *and polish as I clean*"

You, too, will find Bon Ami the easy way to a glistening, high polish. Bon Ami not only cleans your kitchen sink quickly . . . but *keeps* it easy to clean and smooth. For unlike coarse cleansers, Bon Ami leaves no scratches to dull the surface and collect dirt and stains. You'll find, too, that this *"polishing cleanser"* is kind to your hands. That's another reason why so many women use Bon Ami for *all* their household cleaning.

Copr., 1936, The Bon Ami Co.

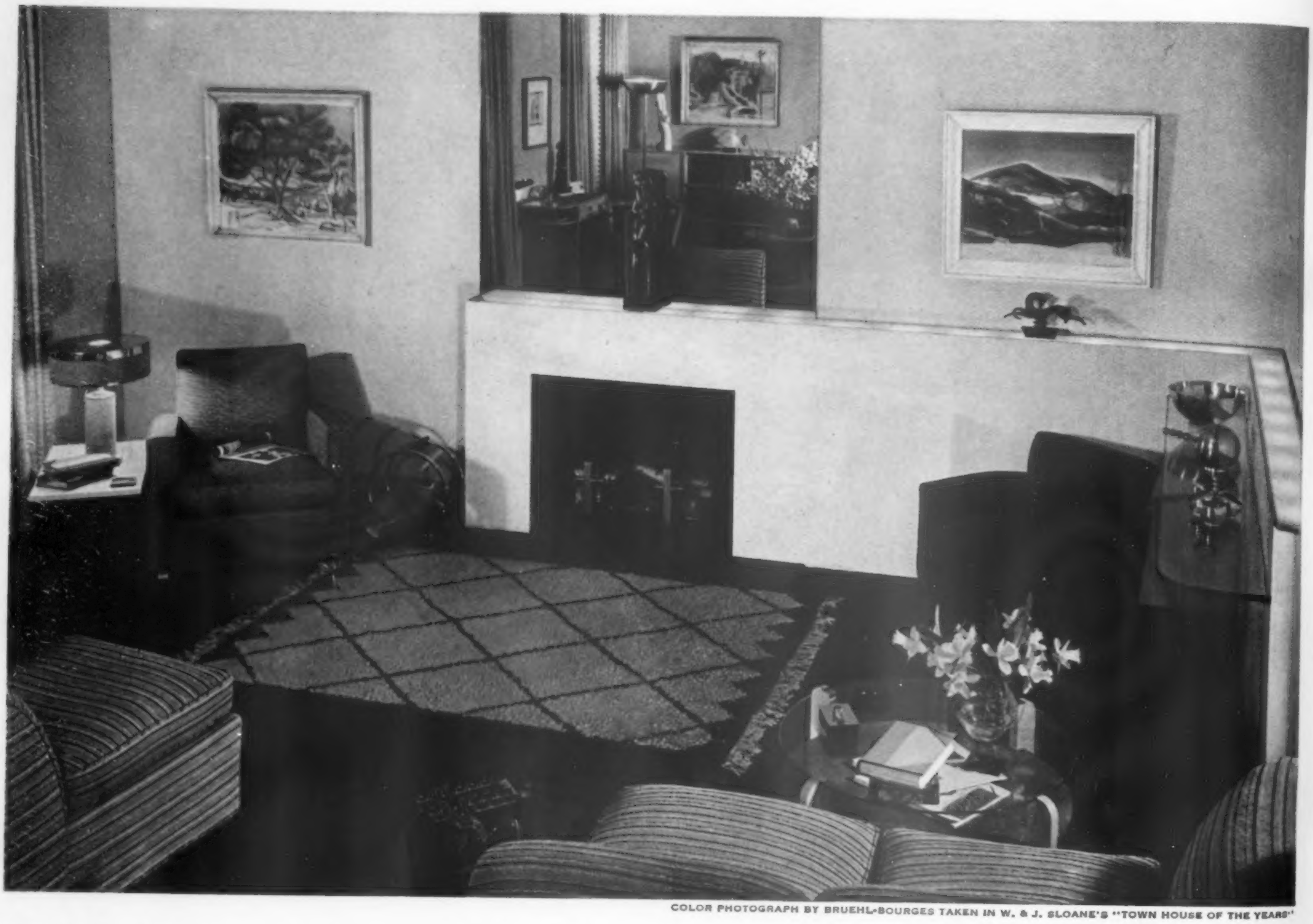
Bon Ami
for kitchen sinks

"hasn't scratched yet!"

THE PITTSBURGH PLATE GLASS COMPANY PRESENTS

Paint and Glass

PAINT *to make rooms colorful ......* **GLASS** *to give them life*



COLOR PHOTOGRAPH BY BRUEHL-BOURGES TAKEN IN W. & J. SLOANE'S "TOWN HOUSE OF THE YEARS"

THERE'S magic in mirrors. There's gayety in glass. And there's color, cheerfulness and cleanliness in paint. Between them, paint and glass can dress up your home so you'd hardly recognize it . . . and inexpensively, too!

"Designs for Living". . . a beautifully illustrated book prepared by our Studio of Creative Design . . . tells how. It's just overflowing with helpful ideas and suggestions. How you can do over an entire room in *one* day by the use of Pittsburgh One-Day Painting Products. How mirrors may be used to make small rooms seem more spacious, dark rooms glow with light. How glass book-shelves, table tops, shower enclosures or bathroom walls add the modern accent to your home. And a wealth of other fascinating information. So whether you own, rent or plan to build a house . . . don't fail to send the coupon below for a copy of "Designs for Living." It's absolutely free.

ILLUSTRATED ABOVE is a room which offers a high degree of smartness and livability. It has painted walls to please the eye, gaily contrasting furniture, and glass to lend greater spaciousness, brilliance and life. Walls are done in Suntone Wallhide Paint. The fireplace shelf is painted with gleaming White Wallhide, and topped with Tapestry Glass for indirect lighting effects. Note the heavy plate glass shelf, the plate glass circular table, the Carrara Structural Glass table top and the lovely mirror above the fireplace.

* * *

SEND *for* YOUR FREE COPY *of* "DESIGNS *for* LIVING"

Paint { PITTSBURGH PLATE GLASS COMPANY } *Glass*

Makers of WALLHIDE PAINT · WATERSPAR ENAMEL *and* VARNISH · SUN-PROOF PAINT · FLORHIDE · GOLD STRIPE PAINT BRUSHES · POLISHED PLATE GLASS · MIRRORS · PENNVERNON WINDOW GLASS · CARRARA STRUCTURAL GLASS · DUPLATE SAFETY GLASS

PITTSBURGH PLATE GLASS COMPANY
2211-B Grant Building, Pittsburgh, Pa.

Please send me, without obligation, your new book "Designs for Living" prepared by your Studio of Creative Design.

*Name*______________________________

*Street*______________________________

*City*____________________ *State*________

The "freez'r shelf" is a feature of the Gibson Electric refrigerator above. Right Westinghouse has included a "foldaway" shelf in the upper right-hand corner of the box which can be tipped up out of the way

The General Electric refrigerator, below, has all the modern appointments

The remodeled kitchen

[*Continued from page 30*]

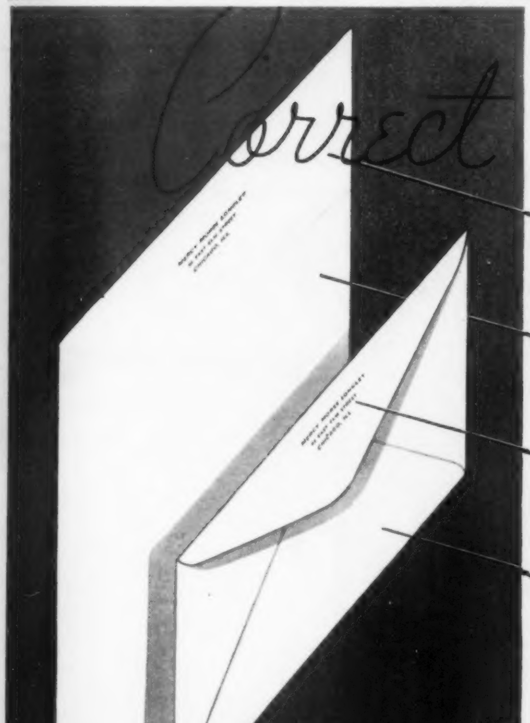
containing an electric fan. The ceiling above the new sink was dropped to the top of the windows to accommodate an indirect light. The shelf above the sink, made by the deep recessed windows, is faced with blue and white Dutch tile, and the white ruffled curtains have a blue and red design. The spoon rack above the sink is a copy of an old one. Copper hardware is used.

By comparing the second "after" shot of the Fether kitchen with the second "before" shot, you will see the wall space is given over to new cupboards with the addition of a small window, and in place of the former cupboard there has been used a maple work table with a scalloped copper top. This and the wall shelf above, which was added to display the fine collection of old blue and white china and pewter spoons, is a decorative note unusual in a kitchen, and yet, one which has been entirely practical.

The butler's pantry, opening into both kitchen and dining room, is not large, and need not be. By clever handling of drawers and cupboards, the pantry takes care of all needs with a wide serving shelf running the width of the room under the windows.

—Martha B. Darbyshire

Above, gas range from American Stove Co. Left, Westinghouse "Emperor" Electric range. Below, new model General Electric range



FOR 90% OF ALL YOUR CORRESPONDENCE

Correct in color—plain white—a sign of good quality. Nothing is smarter than a crisp, white paper of fine texture.

Correct in size—6" x 7". For all manner of everyday notes and letters. Enables you to save your costly engraved stationery for formal occasions.

Correct in marking—your name and address on 2, 3 or 4 lines. The simple, logical and most legible form. Done in rich Dark Blue ink.

Correct in quality. Only high grade *rag content bond paper* is used. What better paper can you buy for your informal correspondence—*at any price?*

THE
450
PACKAGE

PEOPLE from all over the world send to us for this note paper because it is genuinely *fine* stationery at a very low price. Try a package. Send $1.00. (West of Denver, Colo., and outside of U. S., $1.10.) Your package printed and mailed within three days of receipt of order. Satisfaction guaranteed or your money promptly refunded.

$1.00 POSTPAID
300 NOTE SHEETS
150 ENVELOPES
Printed with Your Name and Address

THE AMERICAN STATIONERY CO.

700 PARK AVE. **PERU** INDIANA

Forget the moth save the cloth for 12 months with one application

Larvex—used by big woolen mills —now adapted for home use

ORDINARY METHODS
Woolen cloth treated with widely sold, ordinary moth liquids, etc. Note havoc caused after moths arrived.

LARVEX-ED
The same cloth treated by exclusive Larvex principle. After 12 months not a single fibre touched.

MOTHS CAN'T EAT LARVEX-ED WOOLENS

DON'T think for a moment that the moth season is over. These hungry pests will be creeping into your woolens for a long time to come.

Of course, you want *effective* protection. Then remember that old-fashioned moth bags usually protect the moth, not the cloth. Mothballs, tar odors, are futile because moths can't smell.

Most liquids, too, are risky, because they aim to kill only the moths they touch —then quickly evaporate leaving woolens at the mercy of new moths.

There's no longer any reason to run these risks of expensive moth-damage when Larvex gives you the same modern, all-year protection big woolen mills depend on.

Larvex treats the cloth itself! Then MOTHS CAN'T EAT IT! One application protects coats, suits and all woolens, for *12 months!* You wear the clothes any time, any season, without fear of moth-damage.

PROTECT EVENING CLOTHES IN USE

Why store evening clothes that may be needed any time on short notice?

Why lose the use of other woolens through wrapping and storing, especially when you'll surely need them for chilly days this summer?

No matter if your house were infested with moths, Larvex-ed clothes can hang anywhere, fully protected for a year. Rugs, upholstery and drapes also guarded by this astonishing fluid.

Larvex is the only home-use method druggists sell that gives the protection of this exclusive principle. Spray it directly on woolens. Harmless to the cloth, and to humans. Cannot stain. Odorless and non-inflammable.

Get a bottle of Larvex today and enjoy freedom from moth-worries for a whole year. Use the efficient Larvex sprayer—it lasts for years. At all drug and department stores.

THE LARVEX CORP., CHRYSLER BLDG., N. Y. C.

FORGET THE MOTH
SAVE THE CLOTH
LARVEX

The beautiful legends of Texas' wild flowers

[Continued from page 24]

the midnight hour the princess uttered a pitiful cry of despair and perished on the hilltop, a self-given sacrifice for her people.

Suddenly, with a wild crackle of thunder and a blinding flash of lightning the rain swept over the land. Its crystal drops made a silver screen, blotting out the drought of the hills and plains. All night long the sweet rain fell. When dawn came the thirsty land was quenched of its year-long drought, and a faint green showed over the long arid prairies.

The rejoicing people poured out into the valley and mounted the hill top to give thanks to their princess. As they went up the trail they found the hillside a vast flame of small blue flowers shaped like a diminutive bonnet—like the soft blue bonnet the Indian Princess had worn. They covered the sacred hill under a kindly sun with a breath-taking loveliness, and the people looked in awe at their glory.

At the summit they found her, a symbolic cross of sacrifice, on a far flung mantle of blue. The chieftain's hard heart broke when he beheld her, and he repented his sins and turned again to the ancient ways. He ordered a blue cross set on the hilltop as a shrine to her who lay buried there.

The sacred cross still stands on the hilltop near a little town called Roma. The Bluebonnets, a wild flower that grows native in Texas, still sweeps across the hills and valleys in spring. Today it is the official flower of a state that was once a republic.

The Bluebonnet legend lives still in the land that was first discovered and explored by Conquistadore and Cavalier four centuries ago. The botanical name for it is Lupinus texensis, but to Texans the world over it is Bluebonnet, and will always be.

There are, according to the latest statistical reports, over three hundred varieties of wild flowers in Texas, the greatest wealth of flora of any state in the Union. The vastness of the state, and the altitudes which range from 9,500 feet on Guadalupe Peak to the sea levels of the gulfcoast, provide life zones for wild flowers which vary from the winterless tropics on the border to the snow-swept reaches of the Texas Panhandle. The rainfall, too, is equally erratic. The scale runs from less than ten inches per annum in the far west to fifty inches along the Brazos river.

Salt flats along the gulf shore provide settings for saline vegetation. Palmetto, Sabal texanum, Magnolia, Wild-honeysuckle and

[Please turn to page 58]

PLAN FOR MORE THAN HEAT!

New Low-priced
DELCO-HEAT CONDITIONAIR
both Warms and Air Conditions

IF you are building or remodeling, put in a Delco-Heat CONDITIONAIR; a truly modern heating plant. It delivers evenly to every corner of the house fresh, filtered, warmed and humidified air. And this air is completely changed every 10 to 15 minutes.

And if you wish, the Delco-Heat CONDITIONAIR can be equipped for summer air conditioning. Then the heating and humidifying is replaced by cooling and dehumidifying, and the air is cleaned, circulated and changed as in winter. This summer use can be arranged at the time of installation, or at any time in the future.

Delco-Heat CONDITIONAIR is designed and built by General Motors. It uses the cheapest grade of domestic fuel oil. The fuel economies of this burner cover the cost of circulating, humidifying, cleaning and changing the air.

Delco-Heat CONDITIONAIR costs little, if any, more than ordinary automatic heat, but it provides vastly superior results. Prices included in financing your new home. For your present home, G. M. A. C. 6% plan is available.

DELCO-FRIGIDAIRE CONDITIONING CORPORATION
DAYTON, OHIO
AUTOMATIC HEATING • AIR CONDITIONING
PRODUCTS OF GENERAL MOTORS

MAIL COUPON TO ABOVE ADDRESS

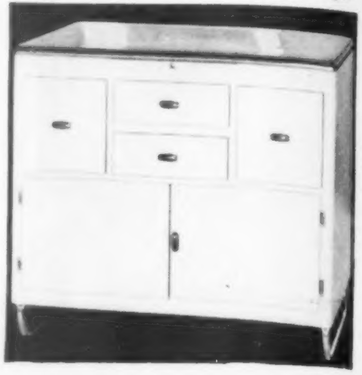
A. H. 7
I want to know more about Delco-Heat CONDITIONAIR. Send illustrated literature.

Name____________________

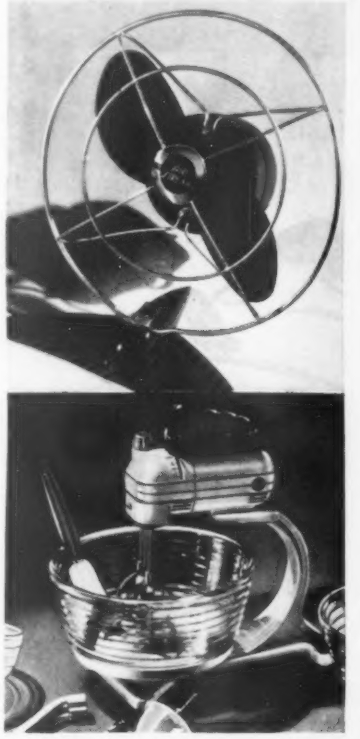
Street____________________

City and State____________________

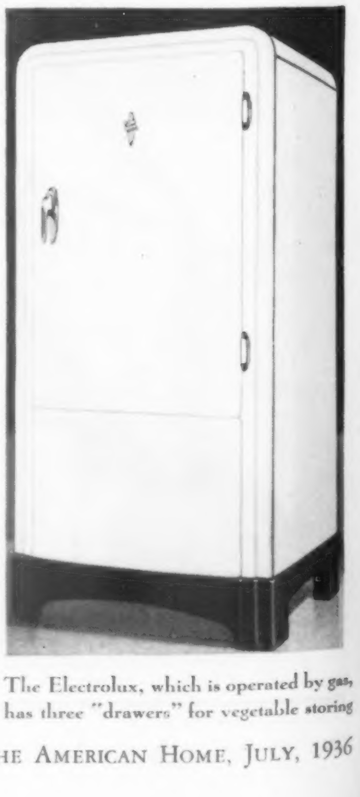
More about kitchens



Stainless steel tops, impervious to stains from fruit juices, etc., add to the utility value of Napanee kitchen base cabinets



Aeroplane lines are maintained in a new electric fan design by Robert Heller for the A. C. Gilbert Co. It has two black blades, a maroon motor, and polished chrome guards. The General Electric Hotpoint mixer with glass accessories



The Electrolux, which is operated by gas, has three "drawers" for vegetable storing

Now **Kodachrome** adds gorgeous full color to your Ciné-Kodak Eight movies

So many Ciné-Kodak Eight owners have been asking for it. So many have wanted it. And here it is.

Eastman's new color film, Kodachrome, is now available for Ciné-Kodaks Eight as well as for 16 mm. cameras. For only $34.50—that is all Ciné-Kodak Eight costs—you are equipped for movies in full riotous color.

There has never been a color film like Kodachrome. With it your home movies are so clear, so beautiful, that, as one movie maker said, "It is like looking out of a window at real life." No lines, no fringes, no screen pattern, just pure, unflickering, lifelike color.

AS SIMPLE AS BLACK-AND-WHITE . . . And these color movies are as simple to take as black-and-white. You can use Kodachrome with any Ciné-Kodak Eight, regardless of the speed of the lens. You can show it with any 8 mm. projector with the full-size brilliance of black-and-white home movies.

SEE YOUR CINÉ-KODAK DEALER . . . He has Kodachrome movies to show you. Kodachrome for Ciné-Kodak Eight, 25-foot roll (equal in projection time to 100 feet of 16 mm.), finished, for the present at Rochester only, ready to show, $3.75 . . . Eastman Kodak Co., Rochester, N. Y.

No extra equipment needed—just load your "Eight" with KODACHROME and shoot

Eastman's new full-color film for home movie cameras

Why pay for
CRACKED
walls?
THE PLASTERER
SAYS IT'LL COST
$ 27.50 TO FIX IT!

Johns-Manville Steeltex Lath prevents plaster from falling and reduces maintenance to a minimum

IF you are thinking of building a new home, it should mean money in your pocket to send for the book shown below!

Among other things, it pictures and describes in detail a new type of steel plaster lath, Johns-Manville STEELTEX. As a plaster base it is far superior to the old type of lath, because it reduces plaster cracking to an absolute minimum. And it adds permanence, strength and fire resistance to your walls.

Don't wait—investigate today this new way to protect yourself against unsightly lath marks and future repair bills for cracked walls and ceilings.

There will be no *expensive* maintenance bills for cracked plaster when walls of your home are built with Johns-Manville Steeltex.

40 Points you should consider in building your new home

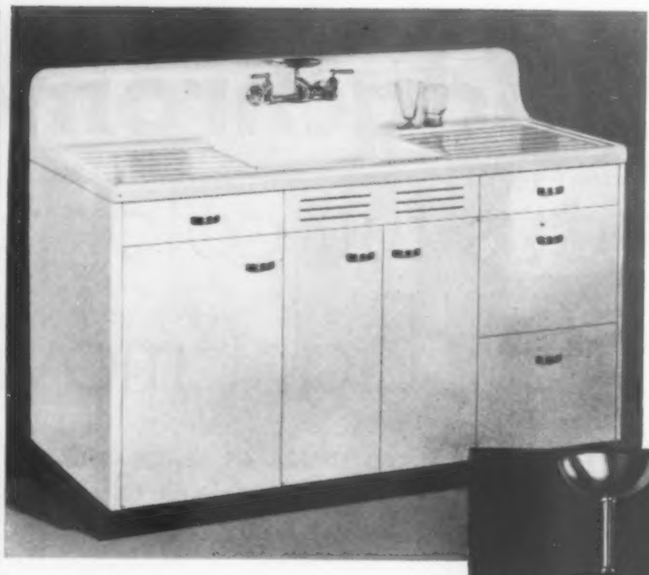
FREE
Johns-Manville Book on Home Construction

Johns-Manville, Dept. AH-7, 22 E. 40th Street, New York, N. Y. Send me your illustrated book, "40 Points You Should Consider in Building Your New Home," with a section devoted to J-M Steeltex.

Name__________

Address__________

City _____ State _____

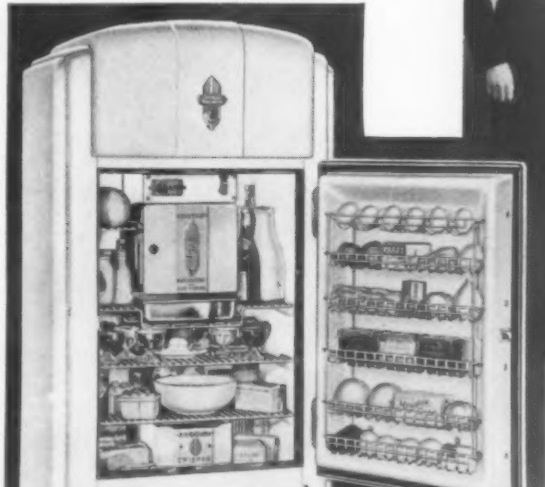


The "Sunnyside" cabinet sink is of enameled cast iron, 60″ long, 36″ from floor to rim, with a basin 22x18x8. It has double drainboards, two shallow drawers for kitchen tools, and a liberal supply of cupboards for cooking utensils, buckets, cleaning preparations, and the like. A Crane fixture. Below, a Napanee kitchen base that will fit a small space. It is shown on a Congoleum rug

The Crosley Deluxe Shelvador has a "storadrawer" for vegetables, vegetable crisper, has capacity for 168 ice cubes, and the shelvador attached to the door

One of the available kitchen wall treatments is Johns-Manville asbestos flexboard, in tile design which is fabricated of asbestos fibres and Portland cement. Above, a simple ceiling lighting fixture which is workmanlike. For the side wall there is an interesting cornucopia shape; both from Lightolier. Another kitchen ceiling fixture is equipped with a pendent switch

Fixture above from Chase Brass and Copper Co.



A cabinet sink with enamel cast iron top has about 28 cubic feet of storage underneath for cutlery, utensils, etc. Right, another cabinet sink has a three-inch ledge across the back for tumblers, soap, etc. The cabinet is all metal with drawers and cupboards, and drainboards. Both from Kohler

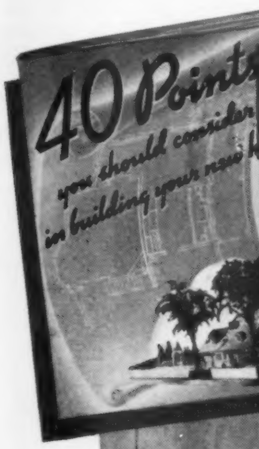
Here are hundreds of the latest ideas to make your home

lovely, comfortable–inexpensively!

101
PRACTICAL SUGGESTIONS
for HOME IMPROVEMENTS
The New 1936 Edition

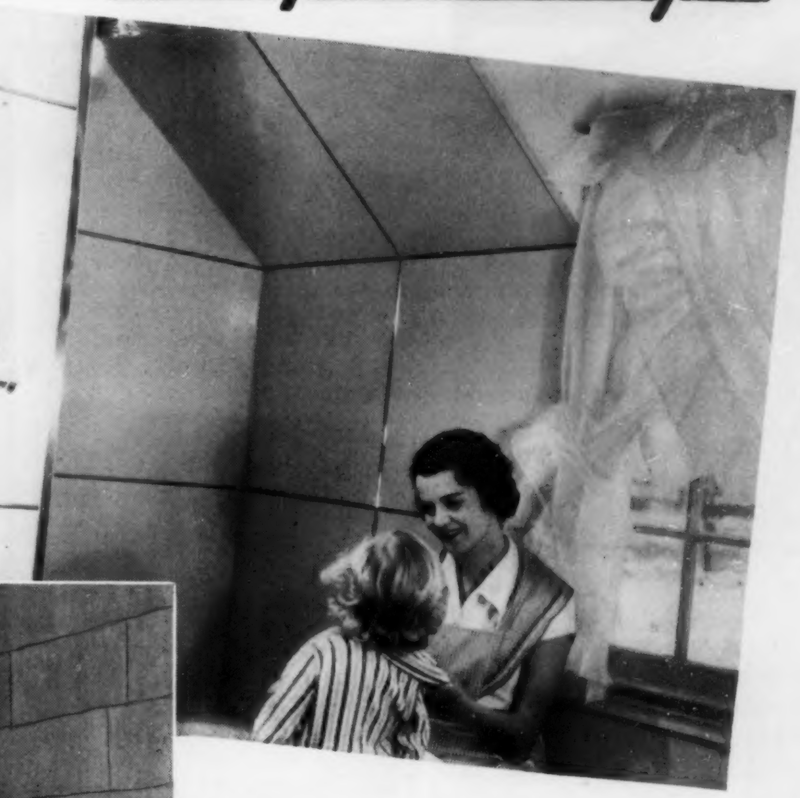
REMODELING your home? This FREE BOOK will help you!

PACKED WITH IDEAS and pictures (many in color) to help you visualize what you can do to "fix up" your home, this book (at right) will help you make it modern.



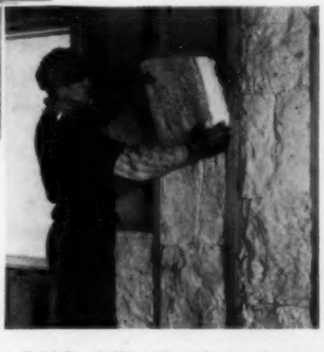
Thinking of BUILDING? Then you'll want this FREE BOOK!

IT WILL HELP you to get the *best* home for your money. Discusses financing; construction; materials; architect; builder.



GLISTENING IVORY J-M Asbestos Wainscoting makes this bathroom (above) cheerful, sparkling, sanitary.

. . . AND J-M CEDARGRAIN ASBESTOS SIDING SHINGLES make a beautiful exterior (left). They have the texture and grain of finest weathered wood, are fireproof, rotproof and will never require painting to protect them.



● J-M Rock Wool Insulation keeps rooms cool in summer, shuts out cold in winter. In "bats," as above, for new construction, or blown into hollow walls of present houses.

● Here is an extra basement room for the whole family. Made with J-M Insulating Board Bevel Plank Walls, J-M Decorative Ceiling Tile, J-M Asphalt Tile Floor.

THE "101 BOOK," above, pictures and explains how, with Johns-Manville Building Materials, you can turn the waste space of your basement into an attractive recreation room; put on a roof of asbestos shingles that will never need repair; insulate your home against hot and cold weather; and dozens of other things to make your home more modern, comfortable and livable.

And the "40 Points Book" explains for you many things you need to know if you are thinking of *building a new home.* Tells how to go about the financing; pictures types of homes; gives construction data; discusses materials; outlines the services of architect and builder; and many other important subjects.

Most important, it explains how the *quality* home of 1936 is "TRIPLE INSULATED" or protected against *fire, weather, wear,* by using the latest materials developed by J-M scientists.

And these books tell how to finance the work under the favorable terms of the National Housing Act.

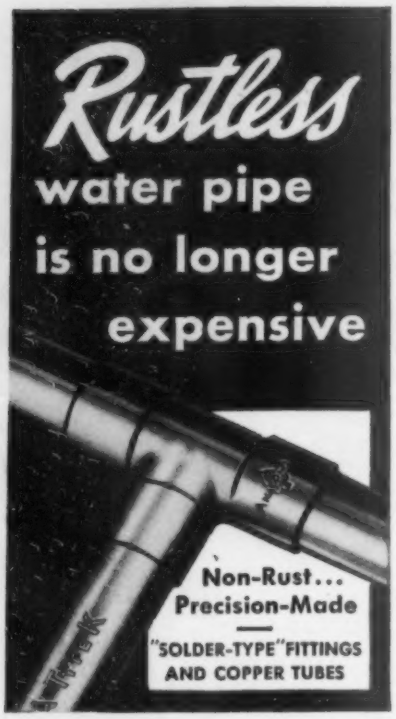
Johns-Manville
Building Materials

Send for either book—FREE!

Johns-Manville, Dept. AH-7, 22 East 40th Street, N. Y. C. I am planning to remodel my home. Send me the "101 Book," FREE ☐. I am considering building. Send me a FREE copy of the "40 Points Book" ☐. I am especially interested in Home Insulation ☐; Insulating Board for Extra Rooms ☐; an Asbestos Shingle roof ☐; Cedargrain Asbestos Siding Shingles ☐.

Name______________________________

Address____________________________



AN installation of ANACONDA COPPER WATER TUBE, assembled with ANACONDA "SOLDER-TYPE" FITTINGS, costs about the same as an installation of pipe that rusts. For this newer type of rustproof piping requires no threading and may, therefore, be made lighter in weight than standard-size pipe. Naturally, it costs less per foot.

Installed by an experienced contractor, copper tubes give you these outstanding advantages:

- Long, reliable service
- Freedom from rust-repair expense
- Clean, rust-free water

When building or remodeling, get better water pipe value from Anaconda Copper Tubes and Fittings... the last word in durable, low-cost piping! *Where standard-size pipe is required, Anaconda Brass Pipe is widely accepted as the standard of quality.*

•

COPPER
BRASS &
BRONZE
in the Home

Send for this small, readable booklet which contains 12 suggestions for building and remodeling that will bring important upkeep savings.

3610A

THE AMERICAN BRASS COMPANY

General Offices: Waterbury, Conn.
Offices and Agencies in Principal Cities

ANACONDA
In Canada:
Anaconda American Brass Ltd.
New Toronto, Ont.

Anaconda
COPPER & BRASS

The beautiful legends of Texas' wild flowers

[*Continued from page 54*]

Jasmine prefer the lands of east Texas and the coastline. In the semi-desert regions dozens of species of Cactus and Yucca may be found. The sluggish bayous of South Texas are the homes of the floating Water-hyacinth. The western plains have their Mesquite and Evening Primroses. The limestone hills boast the gold of the Flutterwheel, or Yellow Primrose, Snow-on-the-mountain, and the luxuriant Mountain Laurel.

Out of the great variety and treasure of the hundreds of wild flowers which thrive in Texas, almost a third have legends which have grown up around them. For the people who settled Texas were a melting pot mixture hailing from all over the world. Spanish, French, English, Prussian, Bavarian, German, Portuguese and Italian, they flocked into Texas when she was young, bringing with them their own fair legends and folk tales, which they wove into the settings of the new land.

When the Conquistadore, Coronado, marched his mighty cavalcade across Texas in 1540, seeking the wealth of the mystical Golden Cities of the Cibola, the plains were a scarlet flame with blossoms of the Indian Plume, and Standing Cypress (Gilia rubra). Today it is variously called the Texas Plume, Prairie Rocket and Texas Star. Flower vandals in the past years have stripped the Texas plains of these lovely flaming blossoms and they are to be found now only along the edges of woods or in dry places. Their beauty has but one drawback which the Indians learned long before the coming of the white man. This member of the wild Phlox family grows best in soil where red bugs abound. The red men called it, appropriately and unpoetically, the chigger weed.

Indian Paintbrush, which the Indians said was "war plumes of warriors long dead" looks as if it had been dipped in a can of bright red and orange paint. It is a member of the Figwort family and its scientific name is Castilleja lindheimeri, the Castilleja part having belonged originally to a Spanish botanist. It, too, has passed from its first vast splendor to scattered areas over the Texas plains, but early pioneers still remember when the virginal prairies were a blaze of red, yellow and orange plumes of "warriors long dead."

The last of these Indian-named flowers is the Gaillardia which still grows profusely in the Lone Star State. The name was derived from that of the French botanist, Gaillard, who loved wild flowers. But in Texas, Monsieur Gaillard never gets his due. When the reddish, brown and gold blossoms cover hill and valley in the spring, the Texans say that the Indian Blanket, the Indian Sunburst, the Firewheel, the Indian Head or the Bandana Daisy is in bloom, but never the Gaillardia!

The Huisache (Acacia farnesiana) is an exotic, first brought to San Patricio County in Texas by a Mexican commissioner, long before Texas became a republic. This official planted the Huisache on his hacienda and from these trees have sprung all the plants which now abound throughout Texas. The flowers of the Huisache tree are very fragrant, fluffy yellow balls about the size of small marbles, consisting largely of many clusters of yellow stamens. These golden puff balls cover the shrub, making it "a load of balm for every wind that stirs." Its growth is widespread from the gulf coast to the open plains and the mesquite flats, where it mixes with chaparral and, in its dwarfed state, is known as Acacia tortuosa. It is important as a honey plant.

The Mesquite bush, that hardy native of Texas plains which is always publicized in stories concerning west Texas, is the best known tree or shrub in the Lone Star State. Its white flowers, which grow in cylindrical heads, are also a valuable source of honey; and the beans, with their rich sugar content, are a most nutritious food for live stock.

Almost invaluable to man, it is ranked equal with the Prickly-pear as a food for the poor of the borderlands. Its lovely hard brown wood takes an excellent polish, and mesquite posts have been known to last a hundred years without decay. The ripe pods can be chewed and eaten as food. The Mexicans grind them on a metate and make a flour. The Apaches and Comanches distilled a beer from the Mesquite long before the Spanish took the land. Even the leaves are used, being dried and made into tea. The Mesquite flourishes more vigorously during drought, and blossoms and fruits two and three times a season.

Other outstanding wild flowers which are synonymous with the name of Texas include the Poppy, the Poinsettia, the Hibiscus, the Cotton-blossom, the Magnolia, the Jasmine, the red and orange Lantana and the Scarlet Salvia.

The Redbud (Cercis occidentalis) is almost as well identified with Texas as the Bluebonnet. Every spring, long before the first green leaf shows in the woods, the purple-scarlet mixture which is the splendor of the Redbud can be seen.

The Yucca flower, called by the Mexicans the Candle of Our Lord, grows extensively in the desert stretches and along the far-flung sides of the Davis Mountains in the Big Bend country.

The
STRANGE
CASE of
"Maybe you"

Look! See what happens to seventeen persons a minute—at home, at work, at play. Business men—housewives—clerks—debs. People like you, your family and your neighbors. See the strange accidents that happen to them. The unfortunate accidents. The *preventable* accidents.

In our new booklet "Maybe You" we tell the interesting stories of many odd accidents taken from our files—common accidents with uncommon causes. Many are amusing. Some are exciting. Others, a bit gruesome. Every one will show you how to lead a safer and happier life.

Now is the time to read this booklet. For summer is a dangerous season. Don't take chances. Send for your free copy.

The EMPLOYERS' GROUP Practically every kind of insurance except life.

The Employers' Liability Assurance Corp., Ltd.
The Employers' Fire Insurance Company
American Employers' Insurance Company

No matter how careful you are, Accident Insurance is needed. Any Employers' Agent will tell you which policy is best suited to your needs.

THE EMPLOYERS' GROUP
110 Milk Street, Boston, Mass.

Send without obligation your booklet "Maybe You."

Name ____________________
Address ____________________
____

Now AUTOMATIC HEAT AND AIR CONDITIONING

. . to fit your needs and your pocketbook

OIL BURNING AIR-CONDITIONING FURNACE

One of the Herman Nelson Automatic Heat and Air-Conditioning Units

CONSULT YOUR LOCAL

HERMAN NELSON DISTRIBUTOR

or write

for full details as to how your family can enjoy the benefits of modern automatic heat and air conditioning.

But my dear, I thought Air Conditioning was frightfully expensive!
No, not at all, in fact it costs more to do without it.

Of course you would like to enjoy the comforts and convenience of air conditioning, automatically controlled. Who wouldn't, for air conditioning is the symbol of the modern home, the practical sign of gracious living. You need not wait longer, for Herman Nelson brings this modern, healthful convenience well within the reach of the average home owner. And the various Herman Nelson products are so related that once you have decided upon an automatic heat and air-conditioning program for your home, you can enjoy partial fulfillment at once, and complete your program in such stages as your budget permits.

In fact, the cost of Herman Nelson equipment is so reasonable that you may be paying for air-conditioned warmth, right now, without enjoying its advantages. If you will consider the time, as well as money spent on an antiquated heating system, the everlasting dusting and never-ending cleaning bills, you will begin to realize that there is something more to the cost of heating than the price of fuel. Medical science, too, has proven that the same dry unconditioned air that causes furniture and woodwork to check and fall apart, is injurious and costly to the family health as well.

It will be worth your while to investigate the new Herman Nelson Automatic Heat and Air Conditioning service. It is made available to you through Herman Nelson Distributors everywhere.

HERMAN NELSON

Automatic Heat and Air Conditioning

GENERAL OFFICES AND FACTORIES AT MOLINE, ILLINOIS

WE CAN'T PROMISE YOU A
Love Affair

...BUT *Nonspi*
THE SAFE DEODORANT
DOES PROMISE YOU...
LASTING PROTECTION

● A love affair must be of your own making. Nonspi promises only to keep you fastidious... what else can you ask of a deodorant? Nonspi is a sure and safe anti-perspirant and deodorant for under-arm moisture ...*because:*

1. *Nonspi has been pronounced entirely safe* by highest medical authority.

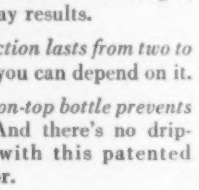
2. *Nonspi can be used full strength* by women whose delicate skin forces them to use deodorants half-strength, with only half-way results.

3. *Nonspi protection lasts from two to five days*... and you can depend on it.

4. *Nonspi's siphon-top bottle prevents contamination.* And there's no dripping or waste with this patented Nonspi applicator.

Remember these four points when you're buying an anti-perspirant and deodorant. Protect your delicate gowns by stopping under-arm moisture effectively and safely. Insist on genuine Nonspi at all drug and department stores in the U.S.A. and Canada. 35c and 60c a bottle.

NONSPI KEEPS ITS PROMISES



NONSPI

Hooking

[*Continued from page 31*]

place to place when necessary.

Whenever possible, woolen goods should be used for hooking. It makes a much more resilient texture than does cotton, wears much better and the fibers intermingle from one loop to another and knit together with use.

Color is a matter to be determined by the individual. Any one design may be developed in a dozen different ways, each one of which will be quite as different as the other. Unless the worker has a very definite color scheme in mind, it is a good plan to collect available material and then see what can be done with it, buying whatever else may be needed and using dyestuffs with nondescript bits that are valueless so far as their color is concerned. With the chosen materials assembled on the stretched burlap, or near at hand, one works with them bit by bit, as with the colors of an artist's palette, holding the narrow strips under the burlap with one hand and hooking them through with the other, keeping a pair of shears handy to snip the rag material as one changes from color to color. As a general rule, the design is drawn in first and then the background filled in around it.

Mixtures are valuable. Mrs. Saunders uses them freely in combination with plain colors. Another point to be remembered is that backgrounds are seldom done in solid color, several shades often being intermingled to produce the mottled effect which is one of the earmarks of hand hooking.

Each of the small mats pictured features a different style of design and method of treatment. Square ones may be set up in the frame with the edges turned back and basted an inch or more all around and the hooking then done through the double thickness right to the edge. This makes a neat and durable finish. The edges of round ones require turning and sewing down to the back after the hooking is done. For an exceptionally trim tailored effect, the burlap is felled flat and then the edge is faced with a bias strip of linen matching the body color, cut to finish about an inch in width after the edges have been turned and sewed down.

The central field of the square mat with the rose spray is dark green—two intermingled tones of the shade known as bottle green. Framing it are two interlaced bands of shaded color, one in the tawny orange tones found in old cherry and the other in the cool taupe-browns. The background between and beyond these bands is green, a little lighter in effect than the other because of touches of a lighter shade that are worked in here and there. Along the edge is a row of dark brown tufts.

Each of the interlaced bands is shaded darker row by row from the outer edge inward. There are fully five graduated shades of color in each band, but no two are of quite the same texture—some mixed and others plain. This is what makes for subtle shading and permits the use of small amounts of such materials as one may have.

In the rose many different shades are intermingled, separating one petal from another in the heart of the flower with a line of black. Then touches of yellow are introduced here and there for accent, not altogether in the center, but on the surrounding petals as well—just a line of tufts here and there. The bud center is pink. One would not think the rose shades would harmonize with the tawny orange and henna reds in the enclosing band, but they do. The leaves are shaded with many contrasting tones of green, just as in needlepoint, and a dark red brown is used both for veins and stems and to shade the edge of the bud calyx. This mat finishes about fourteen inches each way.

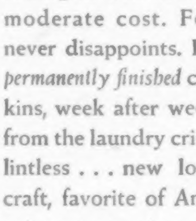
The large round one, fifteen inches in diameter, has a central field of a light brown mixture bordered with about three rows of a darker mixture and then two of solid brown along the edge. In opposition to this mixed background of neutral tone the flowers are done in rather bright flat color with but little shading. In the center is a dahlia largely done in one shade of rich deep red with bits of a lighter contrasting shade tipping some of the petals and an intermediary tone outlining the edges of those that overlap. The center is melon, edged on one side only with light green, not all around. Three of the smaller flowers are rather bright blue, each petal outlined with the darker tone and shading the surface row by row until covered.

As they show quite plainly in the picture, two of the other smaller flowers are done in an intermingling of many shades of lavender, not more than two or three of any one shade adjoining. Then for accent there are veinings of the same dark red as used in the dahlia and a few touches of turquoise blue. Although the star-shaped flower has the effect of being done entirely in pink, a line of peach veins the center of each slender petal. The center of this flower is rose, but in all the others bits of a loosely woven mixture combining threads of black and white with lemon yellow have been used and just a wee bit of vivid orange, which is striking.

Because of the mixed background, the leaves are treated very

[*Please turn to page 72*]

To see
TABLECRAFT
CLOTHS
is to love
and want them



And to own them is a never-ending thrill to the woman who demands beauty in table-setting as well as lasting wear and moderate cost. For Tablecraft never disappoints. Faithfully these *permanently finished* cloths and napkins, week after week, come home from the laundry crisp... lovely... lintless... new looking! Tablecraft, favorite of America's smartest restaurants and hotels for years, now makes a lasting place for itself in America's homes! You can buy Tablecraft cloths and napkins finished in standard sizes or by the yard.

Guaranteed by
GOOD HOUSEKEEPING
as advertised therein

SEND FOR
CHARMING
TRAY COVER

(or cloth for doll's table) of Tablecraft. With your name and address send just 10c for postage and handling. You'll be amazed how easily stains come out, how well it launders! Address ROSEMARY, 44 Worth St., New York City.

TABLECRAFT
CLOTHS *and* NAPKINS
BY *Rosemary*

How to Foil BURGLARS

By Helen Hoagland

Now that the weekend-and-vacation season is just around the corner, my advice to every woman who cherishes her household things is—be wary of burglars and thieves!

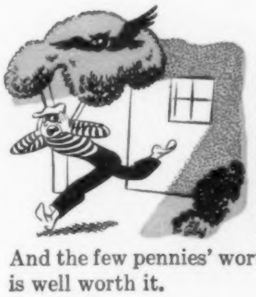
For summer is the season when they turn their attention to homes. They like to work while others play. They prefer to do business when you are off on a nice long vacation. Then, certain of not being interrupted, they can load up a truck and make off with practically everything you own. Their next best opportunity is a weekend when your house is deserted. And failing that, they are often satisfied to work on a hot summer evening when you are out for a bit of air with the family.

This is no light warning. Crime statistics do show that household burglaries increase in summer. And I am sure you don't want your rugs and radio and wearables and favorite candlesticks spirited away, to say nothing of having your home defaced by intruders. So I am going to give you a few simple recipes for foiling burglars. They were given to me by experts—The Travelers Indemnity Company—and they are guaranteed to make you feel as safe as the Bank of England!

If you are the careful type you can skip recipe number one. It is simply this—lock *all* the doors and windows securely when you leave. It doesn't do any good to lock up the front door if the back door says "Welcome" to burglars. Better make the rounds and try them all yourself.

Next—stop the newspaper and mail deliveries when you go away. Burglars are sly fellows who can put two and two together. A pile of papers and mail accumulated on the porch tells them you are out—and they are likely to take the hint and drop in.

If you are going to be gone for any length of time, don't forget to notify the police and spread the news among your neighbors. Tell them just how long you expect to be away. Then if they see any signs of life in your house, they'll know it means burglars—unless you have a ghost.



When you go out for the evening, leave a few lights on in the house. Burglars are like owls—nightbirds that fear the light. Illumination means the place is inhabited. And the few pennies' worth of electricity you burn is well worth it.

Here is another hint, though you'll probably never need it. If anonymous tickets come to you in the mail—*beware*. Ingenious burglars have been known to send them to prospective victims so they could operate while the recipients attended a show!

Despite all the precautions you take, burglars may still get in. Your most important line of defense is good burglary insurance. It will not only pay for everything that is taken, but cover any damage done by the burglars. Holders of Travelers Burglary Policies have told me that this company has also succeeded in recovering heirlooms that could never be replaced.

My final suggestion is—keep a household inventory of all your things. You'd be surprised how hard it is to remember everything you own. And in case of loss, you'd want to give the insurance company a description and valuation of exactly what is missing. You can get an inventory book from The Travelers by filling out and sending in the coupon below. It has space to list all your possessions by rooms and classifications. I suggest you send for it.

THE TRAVELERS INDEMNITY CO.
Hartford, Conn.
Please send me a free Household Inventory Book.

*Name*________________________________

*Address*______________________________

*City*_________________*State*____________

"IT HAS CONDITIONED COMFORT I NEVER DREAMED POSSIBLE"

"YES... AND AT A PRICE I NEVER DREAMED POSSIBLE"

New AMERICAN RADIATOR CONDITIONING SYSTEMS

PROVIDE HUMIDIFICATION • AIR CLEANSING • AIR CIRCULATION • SUN-LIKE RADIANT HEAT • POSITIVE CONTROLLED HEAT FOR EVERY ROOM • VENTILATION YEAR 'ROUND DOMESTIC HOT WATER

YOU'VE got to change all your ideas about home comfort. For Conditioned Comfort is today an amazing reality. And you've got to change all your ideas, too, about its cost. For now American Radiator Company, the best known name in comfort equipment, offers new American Radiator Conditioning Systems designed and manufactured for the average citizen, not merely for the wealthy few. Here is home conditioning at its best—simplified, practical, amazing in results—yet priced so low that you can afford to own one *now!*

Home Comfort You Never Dreamed Possible

Think of having air, fresh air, cleaned of dirt and dust, then properly humidified, and finally circulated silently throughout your home. This is a tremendous step forward in home comfort, a vital factor in healthful indoor living. Another important factor is an independent system for heating in winter, providing American Radiator sun-like radiant heat, the finest kind of heat in the world. Positive heat distribution guarantees even warmth in every room — *you* are now master of your comfort from cellar to garret. And in addition, there's *year 'round domestic hot water,* on tap winter and summer.

Any Fuel — Completely Automatic

These great systems use any kind of fuel — coal, oil, coke or gas. And if you desire they can be completely automatic. Once your new American Radiator Conditioning System is installed your comfort troubles are completely over. The *right* system for your home can be financed on an easy Government-approved finance plan. There's no reason now why any home should have *only* heating. There's every reason why every home should have modern home conditioning as well. American Radiator Conditioning Systems can be installed in new homes and old at a price within your means.

New Free Book

So if you're building or buying a new home, or modernizing an old one, or if you're just interested, mail the coupon below today for our new free book — and live comfortably ever after!

AMERICAN RADIATOR COMPANY
DIVISION OF AMERICAN RADIATOR & STANDARD SANITARY CORPORATION
44 West 40th Street, New York, N. Y.

Send me your free book, "This New Comfort."
☐ I am building a new home.
☐ I am modernizing an old home.
☐ I am just interested.

Name____________________________
Address__________________________
City or Town________________ State________
©A. R. Co. 1936 AH-7-36

LISTEN IN! American Radiator Fireside Recital . . . every Sun. 7:30 P.M.E.D.S.T. WEAF-NBC Network

Children's parties

[Continued from page 41]

the child's wishes should be gratified as far as possible. If Bobbie prefers orange to vanilla flavoring, have a sponge cake with orange icing. Don't make the icing too thick or too rich for the children. At their age, light, easily digested refreshments are best. For an afternoon party only ice cream and cake with a few clear candies should be served. Rich chocolates or "gooey" sundaes are definitely unnecessary and unwise to serve.

When the children are quite young, under ten or twelve, many mothers prefer having them invited for a luncheon or a supper party lest the habit of eating between meals be established. Menus for such parties are also quite simple. Any of the following could be served with no danger of upset tummies resulting:

Creamed chicken
Green peas Toast
Custard Angel food cake
Milk chocolate

Oyster cream soup
Spinach Mashed potatoes
Apricot whip Crackers
Milk

Egg nests
Baked potatoes
Sliced tomatoes
Bread and Butter
Ice cream and cake
Milk shake

On the eventful day of the party the birthday child should be present when the table is arranged. Silver candlesticks and hand-embroidered linens are taboo. A colorful paper cloth or a plain linen one is far more practical. Paper plates and cups or inexpensive china and glassware such as earthenware plates and heavy tumblers which are not easily broken should also be used. Flowers in a swan receptacle, a growing plant in an amusing elephant holder, a large crêpe-paper doll, surrounded by small paper dolls for favors—any of these will make a pleasing centerpiece, easy to arrange.

Show the child how to place the plates on the table, explaining that from twenty to thirty inches are allowed for each cover so that everyone may have sufficient room to be comfortable. Then, using one place as a demonstration, arrange the silverware about it, again explaining to little John or Emily the convenience of having spoons and knives at the right side of the plate, forks at the left, with those utensils that are to be used first farthest from the plate. Have the child, following your example arrange the silverware at all the other places, correcting his mistakes but giving him sufficient encouragement to continue.

Give a similar demonstration with explanations, in placing the glasses, the bread and butter plates, the napkins, et cetera. And again after you have put these at one place allow the child to put them at the others. Show him how much better the table looks when plates, silverware and napkins are all equidistant from its edge. For children an inch and a half or two inches is a safe distance.

Incidentally sugar bowl and salt and pepper shakers should not be put on the table at a children's party, strong condiments and too much salt or sugar being bad for small stomachs.

Placing the chairs around the table will give occasion for another lesson in courtesy—consideration for those who are very young and helpless. If you suggest that the youngest guest will need a higher chair than the others, Johnny himself may suggest putting a cushion on it to make it still higher and softer as well.

All this instruction will undoubtedly give rise to innumerable questions even, perhaps, to some pertinent comments. Setting the table will take at least twice the usual length of time. You may even find yourself hard put to answer some of the questions. But if you do answer them, even though you become involved in the history of the early use of the fork, you will give the child a clear conception of the purpose behind all this etiquette of table service and a natural acceptance of it.

Incidentally when the table is finished it might be wise to point out to them how lovely it looks, especially if some modest color scheme, such as orange and black at a halloween party, or pink and white for "a small and active" little girl's birthday has been followed. Children are very responsive to beauty and will be all the more reconciled to the details of table arrangement if they enjoy the result.

The food itself is most easily served from the kitchen by Mother or the maid, only the cake being placed on the table before the birthday child for cutting as the dessert is served.

Amusing flower or animal place cards may be indulged in or not, as wanted. Their slight cost can be eliminated by spelling out each child's name in colored candies before his or her place, thus affording the host a lesson in spelling as well as one in etiquette. Whether the place cards are used or eliminated explain to the child the custom of placing a boy and then a girl around the table rather than allowing all the boys to congregate on one side and all the girls on the other.

As each guest arrives the young host or hostess should receive him with some pleasant greeting such as, "Hello Tommy, I'm glad you

2 big rolls—25¢

ScotTowels FOR KITCHEN USE

The 2nd most important use for ScotTowels!

—draining grease from bacon and other fried foods

WIPING POTS AND PANS—ScotTowels quickly wipe off messy grease, save linen towels.

DRYING HANDS—Highly absorbent, ScotTowels really dry *dry*, save laundering.

OBVIOUSLY the chief use for ScotTowels in the kitchen is for drying hands. But thousands of women say these absorbent paper towels are almost as useful for draining bacon and other fried foods.

They save time and laundry. Lighten work. Just tear one off the neat white roll... use it... throw it away.

Made of "thirsty fibre," ScotTowels are soft and absorbent. Put a roll of these work savers in your kitchen today.

On sale at grocery, drug and department stores—2 big rolls (150 towels on each roll) 25¢—that's only a penny a dozen! Or, write Scott Paper Company, Chester, Pennsylvania.

150 TOWELS PER ROLL

(This offer applies only to the U. S., its insular possessions and Canada)

INTRODUCTORY OFFER

SCOTT PAPER COMPANY, CHESTER, PA.

If your dealer does not sell ScotTowels, send us 50¢ (money or stamps) and you will receive postage paid—

2 ROLLS OF SCOTTOWELS, AND 1 ENAMELED FIXTURE, or SEND $1.00 FOR 6 ROLLS AND ONE FIXTURE

Check color of towel fixture desired: ☐ ivory ☐ pale green

Name__________

Address__________

Dealer's Name and Address__________

A7-36

ROYAL
Chocolate Flavored
PUDDING

HERE'S a new way to make ice cream at home. Just prepare Royal Chocolate or Vanilla Pudding, and freeze it with a small amount of cream and sugar.

It's as smooth as velvet—and the cost is low. Only one cup of cream is needed . . . and no eggs.

Royal ice cream is especially wholesome for children. It's not too rich . . . and Royal Puddings are made with arrowroot, which digests quickly and completely!

The recipe is on every package of Royal Pudding. *Try it!*

FREE—Beautiful New Illustrated Recipe Book: Send front from Royal Pudding package with name and address. Royal Puddings, Products of Standard Brands Incorporated, 691 Washington Street, New York, Dept. R-27.

ROYAL PUDDINGS CHOCOLATE—VANILLA

Copyright, 1936, by Standard Brands Incorporated

MAKE DELICIOUS ICE CREAM WITH ROYAL PUDDING

Costs little, digests easily . . . and has a texture as smooth as velvet

could come," should show him where to put his wraps and invite him to join in the games which are then in progress.

These games should have been decided upon with the help of the child and if possible should be played out of doors, where the children are happiest. In the city this is not always practicable. In the suburbs and the country it is, except on bitter cold days and when rain or snow falls.

Besides the old stand-bys—I spy, blind man's buff, hop-scotch, et cetera—there are innumerable contest games which are popular. A potato or an obstacle race may be held, croquet played, horse shoe throwing with rubber horse shoes practiced, ten pins, bean bags, and all kinds of ball games played.

If the party must be held indoors, table games such as jig-saw puzzle contests, cards, checkers, dominoes, or ring games—farmer in the dell, et cetera, or musical chairs and costume contests which are suitable and popular.

A welcome version of the ancient sport of pinning the tail on the donkey is the aviation game in which small airplanes, cut out of stiff paper, are pinned on a map of the United States. Cushions are placed in the way of the blindfolded child. Stumbling over them means a crash and elimination from the race. The plane pinned on the map farthest from the town where the party is held wins the prize; nearest wins the "booby."

The games selected will depend largely upon the age of the children. They should be simple and easy to play lest the little ones become unhappy and want to go home because they cannot compete. Often when the guests are of mixed ages the smallest children should be given a practice round at each game and an early start in the races. Such consideration for the youngest guests is another lesson in etiquette for the child host or hostess.

Children also become bored and unhappy when they have to stand around and await their turns at a game for any length of time. At a large party of ten or more children it is therefore wise to divide them into several groups which play simultaneously so that there is no possibility of boredom and perhaps tears with tiny tots.

Another warning—be sure to have the proper equipment for whatever games are played. Often the children themselves can be asked to bring their own games, or the young host allowed to exercise his own ingenuity in borrowing them.

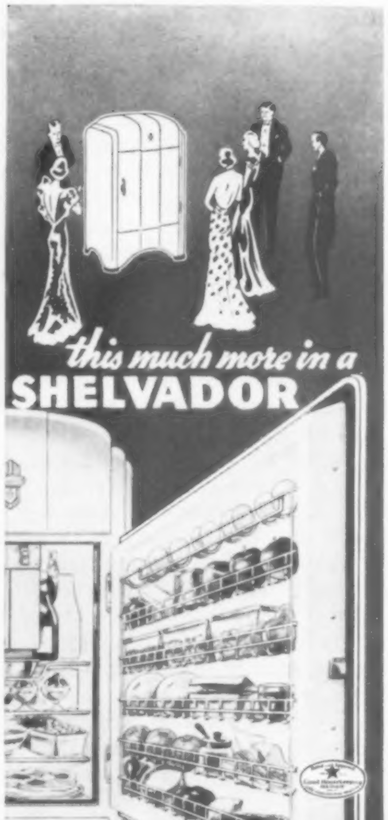
Inexpensive table favors, or a prize of some sort for everyone add to the success of the party. Children are delightfully natural and they quite frankly like to depart with some kind of booty, even if it is only a five-cent toy drawn from the old-fashioned grab bag.

The grab bag also affords the element of surprise, and a surprise of some sort is often the climax of a children's party! It may be a borrowed pony and wagon in which every child has a ride, or at a Christmas party a Santa Claus who drops in with unexpected and colorfully wrapped gifts.

Another successful surprise, most appropriate for an outdoor party is the arrival of the neighborhood ice cream man with his little cart. To have the ice cream man drive up on their own front lawn, to receive cups of ice cream without the presentation of the usual nickel invariably delights the children. For the mother it also simplifies the problem of serving and is especially to be recommended for a large party of twenty or more children. Arrangements should, of course, be made beforehand with the ice cream man for him to arrive at the psychological moment, when refreshments are in order, and the young host or hostess should help in serving both the ice cream cups and the accompanying paper plates with their cake.

Finally, do not delay too long in serving the refreshments. To the children the food is the party! Tears and anger will result if they are kept waiting too long. Often it is wise to serve as soon as all the guests have assembled and a few games have been played.

When the guests depart the child host, after helping the little ones with hats and coats, should again be at the door to bid them farewell. Such habits of courtesy thus instilled early in life remain as permanent traits of character that will add greatly to a young person's popularity and will enable your child to cope with many a difficult situation as time goes on and the years roll by.


this much more in a
SHELVADOR

THE WORLD'S MOST BEAUTIFUL REFRIGERATOR. Only the Shelvador offers this extra, usable space, this convenience and time-saving. Just open the door! There, at your finger-tips, are your most-often-needed foods. No reaching. No searching. No soiled sleeves or mussed-up foods. In ordinary refrigerators an orange takes the shelf space of a milk bottle. In the SHELVADOR—fully insulated door—an orange takes the space of an orange! These exclusive advantages cost you nothing, so you might as well have them. 5-year protection plan, of course.

EXCLUSIVELY IN
CROSLEY
ELECTRIC REFRIGERATORS

"Get Acquainted" Offer
10¢

POMPEIAN
Salads FOR HEALTH

New! BUD VASE *Glass Urn of*
POMPEIAN OLIVE OIL
and BOOK *of* SALAD RECIPES

SOMETHING new! Famous Pompeian Olive Oil in a classic glass urn that can be used as a beautiful bud vase when empty! To acquaint you with Pompeian pure, virgin, imported Olive Oil, we'll send it, together with a book of tested recipes (including famous Pompeian "Slenderizing Salads") for only 10c.

Pompeian is First Press Olive Oil, from selected, hand-picked Mediterranean olives. At grocers' and druggists', in classic glass urns and attractive blue tins.

MAIL THIS COUPON

Pompein Olive Oil Corp.,
Baltimore, Md., U. S. A.

*I enclose 10c. Send me new bud vase glass urn of Pompeian Olive Oil and book of tested recipes.

Name________________________
Address________________________
AH-7

600 FREE SAMPLES

Low, "Mill" Prices—Wide, Quality Selection. Also CURTAIN Material Samples upon request.

Write **CRESCENT YARNS**
83C-Fkd. & Tor. Aves., Phila., Pa.

YARN

Eating out at home

[*Continued from page 18*]

breath of sunset breeze, we spread a red striped cloth. Then we use gay flowered china with Delphinium and Feverfew in a ruby glass rummer at the side. Up on the porch the pale lavender of a Washington Vase Staffordshire calls for a pink and blue luncheon set fringed from an old bolster, and loses itself in a mist of purple and pink Phlox in a big pewter basin. Kitchen Hitchcock chairs, awkward handleless cups with their deep drinking saucers, bone-handled knives and the thinnest of old silver spoons mark each sitting place. Altogether, we think our old-time table settings and simple cottage bouquets help to extend the spirit and flavor of our home out of doors and to make of our house and garden a unified, consistent whole.

THE SAFEST TISSUE FOR CHILDREN

Purity and strength combined

Satin Tissue is smooth, soft and sheer, yet tough in texture. Above all, it is pure and safe for everyone's use. It comes in *Pure White* and "natural," and attractive colors. Roll fits all fixtures, but contains 2000 sheets, more than double the ordinary. 25c a roll, or in 4-roll cartons at drug, department and better grocery stores. Or write to A. P. W. Paper Co., Albany, N. Y.

A.P.W.
Satin Tissue

QUALITY PURITY
SAFETY STRENGTH

KNITTING YARN

FOR OVER 25 YEARS
BOUCLÉ, SHETLAND, GERMANTOWN, SAXONY, SCOTCH TWEED, etc.
for dresses, coats, sweaters, Afghans, etc.
Lowest Prices. Over 600 FREE SAMPLES
Cliveden Yarn Co. Dept. A-18, 711 Arch St.
Prompt Mail Service Philadelphia, Pa.

Be sure the clothes you take away are marked with Cash's WOVEN NAMES

EXTRA—To avoid the school rush we will give an extra dozen Cash's Names FREE with every order during June and July. Mark your belongings with Cash's Woven Names NOW. The genuine have "Cash's" in cutting space. Orders shipped from mill 4 days after mill receives them. Order from your dealer or write.

TRIAL OFFER: *Send 15c for 1 dozen of your own first name and sample tube of NO-SO Cement.*

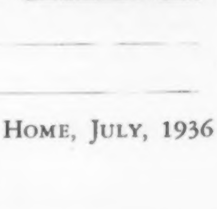
CASH'S 186 Chestnut St., So. Norwalk, Conn., or 6223 So. Gramercy Place, Los Angeles, Cal., or 126 Gray St., Belleville, Ont.

CASH'S NAMES 3 doz. $1.50 6 doz. $2. 9 " 2.50 12 " 3. NO-SO Cement 25¢ a tube

Free! MARVELOUS NEW ICE CREAM RECIPES FOR THE AUTOMATIC REFRIGERATOR!

- *Only 1 cup cream*
- *No cooking*
- *Only 3 or 4 ingredients*
- *Only 1 stirring*

Yet you get creamy-smooth texture—*no ice splinters!*



FREEZER RECIPES, TOO

Write The Borden Co., Dept. AH-76, 350 Madison Ave., New York, N. Y., for FREE cook book. 14 economical, success-sure ice creams and sherbets, also wonderful freezer recipes.

Name________________

Address________________

And it is just because nearly every one can create a little private spot such as this in which to lounge and talk and eat that we wonder why anyone fails to do so. Opportunities lie on every side and an infinity of plans and patterns suggest themselves. Formality and cobblestones and iron tables belong in the city back yard with Geraniums in pots and tall-growing Privet to screen out the stained brick wall next door. In the country, shut in your broad reaches of green turf and fences and shrubs and perennial borders, and spot in your pergolas and naturalistic pools with a cunning eye to the rustic meal that may find a setting near by. Use fireplaces for fall and early spring and a screened porch when the flying pests of summer annoy you. Grow your own Dill and Chives and Marjoram to point the flavor of a salad mixed in a wooden bowl under the trees, or pick a leaf from your own grape arbor to place under a well-iced melon. Every week will bring its own particular gift of blossom and tree form and bird song, and before you have quite captured its beauty it will have passed and another fill its place. And then when you have eaten out at home in the setting that your own imagination has helped to create, ask yourself, as do we, why you ever even thought of eating out away from home in a public eating place.

Shelf appeal

[*Continued from page 27*]

seem to have an air of emptiness. Either of these shelves could be made at home, if you should happen to be handy with tools, or if you never were able to saw straight or make a thing match, any carpenter would put them together very inexpensively. One of these is used over a modern daybed and has a light concealed under the bottom shelf. This is done very simply by attaching a light fixture underneath the lowest shelf, and having a false bottom of frosted glass. The wire from the light would come out at the back of the shelf and run down the corner of the wall to a base plug. With the wire painted the same color as the wall it would hardly be noticeable. This concealed light not only enables you to read in bed without straining your eyes, but it also does away with the necessity for a floor or table lamp in a room with limited floor space.

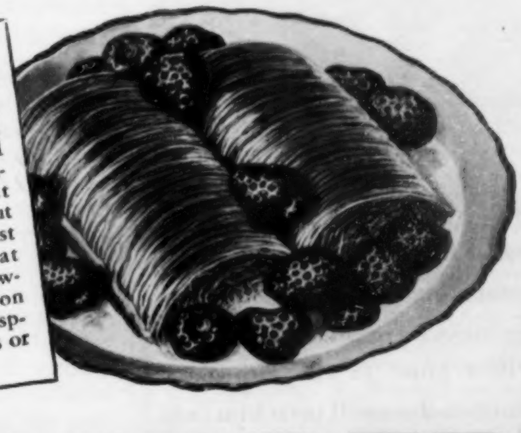
The other shelf actually turns the corner with the wall and might almost be called a modern version of the old-fashioned Victorian whatnot. This is made from two separate shelves, one shelf for each wall, the two meeting in the corner, and may be varied by dropping one of the shelves below

DIVE INTO CRISP, DELICIOUS SHREDDED WHEAT. GET EXTRA ENERGY FOR ACTIVE DAYS!

Join the millions of Shredded Wheat fans who get energy, endurance and vitality from this delicious breakfast. Put Shredded Wheat and your favorite fruit or berries on your grocery list now.

ACTIVE, ENERGETIC PEOPLE PICK SHREDDED WHEAT FOR ITS VITAL FOOD ESSENTIALS!

It takes more than fresh air and exercise to splash your way to physical fitness. A sensible, nourishing diet is essential, too. And Shredded Wheat gives you a good start. It's 100% whole wheat—a rich storehouse of vitamins, carbohydrates, mineral salts and proteins. These are the vital food essentials you need for energy, vitality and endurance.



DELICIOUS NATURAL FLAVOR—THE FAVORITE OF MILLIONS! Shredded Wheat has a wholesome, natural flavor all its own. You'll like those crisp, nut-brown biscuits right from the first bite. But as an added treat, just try Shredded Wheat with ripe, juicy strawberries. Or heap on fresh blueberries, raspberries, blackberries or sliced peaches.

SHREDDED WHEAT

SHREDDED WHEAT

Ask for the package showing the picture of Niagara Falls and the red N. B. C. Seal

A Product of NATIONAL BISCUIT COMPANY

To Wives who leave their Husbands [at Home]

WHEN you desert your husband for a visit or vacation, remember his household helplessness. He may sing, "My wife's gone to the country." But two days will turn him into a lonesome kid.

Telephone him often. Add to his happiness and your peace-of-mind about the cat, goldfish, ferns and best dishes.

Both* station-to-station and person-to-person calls cost considerably *less* after 7 *every evening* and *all day Sunday.

the other so that the bottom of one is flush with the top of the other.

For variety's sake, bric-a-brac, small potted plants and vases of fresh flowers placed upon these shelves not only bring out the somber color of the books, but also add brilliant dashes of color to an otherwise drab room.

For the problem of the narrow hall we turn our shelves into two delightful little console tables. The swag drapery hiding the brackets which hold up the shelf in the first one may be cut from plywood or beaverboard and painted to simulate the folds in an actual drape. This should be done in a very simple, stylized manner. The wood drapery is attached to the shelf with small angle irons. A mirror over the console makes the hall appear to be twice as wide as it actually is.

The second console table is curved and so takes up even less space than the first. A piece of Flexwood is bent around the curve and is decorated to resemble a drum. Real rope is strung through holes in the Flexwood, knotted in the back and gripped at the intersections with discs of wood. Three discs are nailed to the wall above the mirror with rope and tassels draped over them. This console would be more attractive with the drum painted red; the shelf top, bands, and discs, blue; and adorned with white rope.

If you are now inspired to build shelves and have original ideas of your own, by all means carry them out. We know that you will be rewarded many times over with decorative, useful, and inexpensive additions to your home.

Lamplight glimpses

[*Continued from page 35*]

side of the holder has a row of four candle holders. Mr. Gates' assumption is that it probably was the property of a grocer or general merchant, who set it on the counter or the cracker barrel to give light for gossip around the pot-bellied stove of a long winter's evening.

Householders tried to do elaborate things with their candle holders. Witness the punched-tin lanterns with careful designs on their surfaces. These swung in dignified homes, and from conspicuous posts in meeting houses. They may even have been used in the barns of early-day plutocrats; and they probably lighted the way to and from church for many a deserving deacon.

Punched-tin lanterns are frequently called Paul Revere lanterns and Mr. Gates says that there is absolutely no authority for so naming them. The assumption is that it was such a lantern which Paul Revere hung in the tower of the Old North Church. Since the light obtained from such a lantern depended upon the glow of a single candle through the punched portions of the tin, it is a physical impossibility that it could serve as beacon for a watcher a mile away. To prove this, Mr. Gates inserts a forty-candle-power electric bulb in a so-called Paul Revere lantern, and the light from forty times the lantern's original light cannot be seen any farther than the glow of a cigarette.

The use of fuel-oil for lighting is supposed to have become current around 1830. When oils and explosive fluids came into use, people began to convert their candlesticks into fuel lamps. From this practice came peg-lamps, so-called because they consisted of a globe to contain fluid, with a peg on the bottom of the globe so that it could be fitted into the holder of a candlestick. The Gates collection includes several peg-lamps which were in use in the Massachusetts State House in Boston shortly after the adoption of whale oil as fuel. While the lamps are labeled with the date of 1812, Mr. Gates questions the authenticity of the date, which cannot be reconciled with the time when whale oil is supposed to have been adopted for lighting purposes.

It seems that people used animal oils for a good many years before they discovered that other oils were equally effective for lighting. Around 1840 to 1850 a variety of experimental fluids were tried in lamps. Among these was the substance called camphene, which was highly explosive, and which brought about the introduction of many types of lamps, designed to make the fluid less explosive. Cowhorn and tin, the two popular materials of the candlestick era, were replaced by glass with the coming of camphene.

The sparking lamp or tavern lamp made its appearance for use with oil. This lamp is a little bell-shaped affair, which burned whale oil. It is called a tavern lamp because it was the lamp most used by the tavern keepers who gave one to guests to light their way to their rooms. The lamp was so small that it could contain scarcely more than a thimbleful of oil, and it soon burned out. The guest, left in darkness, might go to sleep, and if he did so, this saved the landlord extra lighting expense. The same lamp was called a sparking lamp because it was the fashion for young ladies to be equipped with one when a beau came to call. The little lamps served two purposes in sparking. The dim light which they shed was almost as favorable as moonlight to the romantic minded, and since the little lamp soon burned out, a swain, left in darkness, might take the hint that it was time for him to make his departure.

Most whale oil or camphene

IRON FIREMAN

will make your home

Winter-proof

Iron Fireman Automatic Anthracite Burner in the home of George W. Cokell, Framingham, Mass. Installed by Woodsum Stoker Co., South Braintree, Mass. Feeds coal to the fire. Removes ashes from the fire. Burns small, economical sizes of coal. Provides abundant, mellow coal heat, regardless of weather conditions

George W. Cokell says, "Heat has been decidedly even. Cleanliness is A-1. The stoker operates quietly. I am more than satisfied with the investment."

The Cokell residence (above) is but one of tens of thousands of homes that are *winter-proof* because Iron Fireman is on the job. Your own home would have ideal automatic heat at low cost with Iron Fireman. Anthracite or bituminous models installed quickly in old or new heating plants. The new *Coal Flow* model that feeds coal direct from bin to fire, may be purchased for as little as $10.72 a month with a small down payment. Ask your dealer for free survey of your heating plant, or write for literature.

IRON FIREMAN

AUTOMATIC *Self Regulating* COAL FIRING

IRON FIREMAN MFG. CO.
3044 W. 106th Street, Cleveland, Ohio

Type of plant

☐ Send literature ☐ Commercial Heating
☐ Make firing survey ☐ Power ☐ Residential

Name

Address

lamps have two tubes under a glass globe, which held wicks leading to the fluid. They burned much longer and much more brightly than sparking lamps.

Harking back to the Betty-lamps in the Gates collection, there are several which were brought from England by the colonists. The iron ones were, for the most part, manufactured in the iron works at Saugus, Massachusetts. Iron Betty-lamps are rather rare, for they were too heavy and too clumsy to attain great popularity. Cow-horn was a popular lightweight material, and it was a material which lent itself nicely to carving, but it was used more generally in the manufacture of lanterns than of house lamps.

When the colonists got manufactories of their own under way, the crude candlesticks of tin and pewter began to be discarded in favor of glass ones, some of them of ornate design. The dolphin Sandwich glass candlesticks are quite well known. So are cut glass and molded glass candlesticks, created for householders who could afford to pay for the more expensive gadgets.

The makers of candlesticks, including Sandwich glass, turned to glass lamps, also, and the kerosene era produced most of those which survive in collections.

None of the early lighting devices were pleasant things to have around when they were in use. The fish oil burned in Betty-lamps smelled to high heaven. Candlewood, or sticks of pitch-pine, were both smelly and drippy; and candles were generally made from the fat of cattle, which gave them an unappealing odor. Mr. Gates has several bundles of partly dipped candles, with wicks and hardened tallow left as the housewife dropped it to turn to some other task. Molds, racks, and half-filled tallow-pots invite present day housewives to thank their stars that they need only to dust an electric bulb and its shade.

The story of the evolution of lighting from the kerosene era on is well known. Around 1885, the Bunsen burner was introduced, and illuminating gas resulted. Electricity began to be adopted around 1880 (even the Encyclopedia Britannica is not certain of the date) and our century was enabled to turn night into day.

Just as the lighted windows of a home give the passer-by a fleeting sense of the warmth and companionship within, and the twinkling lights of a city or of a town give the traveler a sense of massed life, the little Betty-lamps and sparking lamps and candlesticks and punched-tin lanterns and rush-holders and camphene and kerosene lamps of the Gates collection present glamorous pictures with something of nostalgia in them. All the gathered darkness of an unexplored and untamed wilderness pressed into rooms which had only a saucer of grease to dispel it. The shadows danced on all sides of flaming rushes while men and women waited a moment before the sleep that would prepare them for another day of making history. Most of us who are over thirty remember a country home lighted by the high bracket-lamp and the kerosene-burning hand-lamp. By its light, one could look at the stereoscopic views which, with their stereopticon, reposed on the parlor table; and it was easy for boys, who might otherwise be caught reading dime novels and penny dreadfuls, to blow out the lamp and feign sleep when a parental step was heard on the stairs.

Living room in the garden

[*Continued from page 14*]

Outdoor fireplaces can be and are made of all sorts of materials. Natural charm may be obtained by using the sort of material most easily available in the community. Persons residing near streams or in the mountains frequently employ large cobblestones with pleasing effect. In limestone country the stone mason can generally do a beautiful piece of work with native materials. Some people like brick facing. There are endless varieties of brick for such uses.

The contractor will usually tell you it is cheaper to build with brick than to use reinforced concrete, because it costs considerable to build concrete forms for a cement job, in addition to the expense of the concrete materials. If you wish a cement effect, it can be obtained by using common brick, with an attractive facing brick outline around the firebox. Common brick may be finished with a covering of waterproof plaster or stucco, tinted to any color desired.

You may well give considerable study to the location for an outdoor fireplace and grill, for the reason that the dining room facilities should be near at hand. It is well to find a sheltered nook in the yard, where you have discovered through observation that drafts do not come between nor over buildings. You may also wish to arrange the structure in such a manner that the utmost privacy from public gaze may be obtained. Sometimes, as is the case in one of the accompanying illustrations, the fireplace may be erected in such a manner that it seems to grow up through a back yard pergola. This was accomplished by sawing off the pergola cross-beams in such a manner that several of them merely touched the face of the common brick and had their

HOW A MAN OF 40 CAN RETIRE IN 15 YEARS

IT makes no difference if your carefully laid plans for saving have been upset during the past few years. It makes no difference if you are worth half as much today as you were then. Now, by following a simple, definite Retirement Income Plan, you can arrange to retire fifteen years from today with a monthly income guaranteed to you for life.

Not only that, but if you should die before that time, we would pay your wife a monthly income as long as she lives. Or, if you should be totally disabled for six months or more, you would not be expected to pay any premiums that fell due while you were disabled, and you would receive a regular monthly disability income besides.

$250 a Month beginning at age 55

Suppose you decide that you want to be able to retire on $250 a month beginning at age 55. Here is what you can get:

1 A check for $250 when you reach 55 and a check for $250 every month thereafter as long as you live.

This important benefit is available alone; but if you are insurable, your Plan can also include:

2 A life income for your wife if you die before retirement age.

3 A monthly disability income for yourself if, before age 55, total disability stops your earning power for 6 months or more.

It sounds too good to be true. But it *is* true. There are no "catches" in it, for the Plan is guaranteed by a reliable, old company with over half a billion dollars of insurance in force. If you want to retire some day, and are willing to lay aside a portion of your income every month, you can have freedom from money worries. You can have all the joys of recreation or travel when the time comes at which every man wants them most.

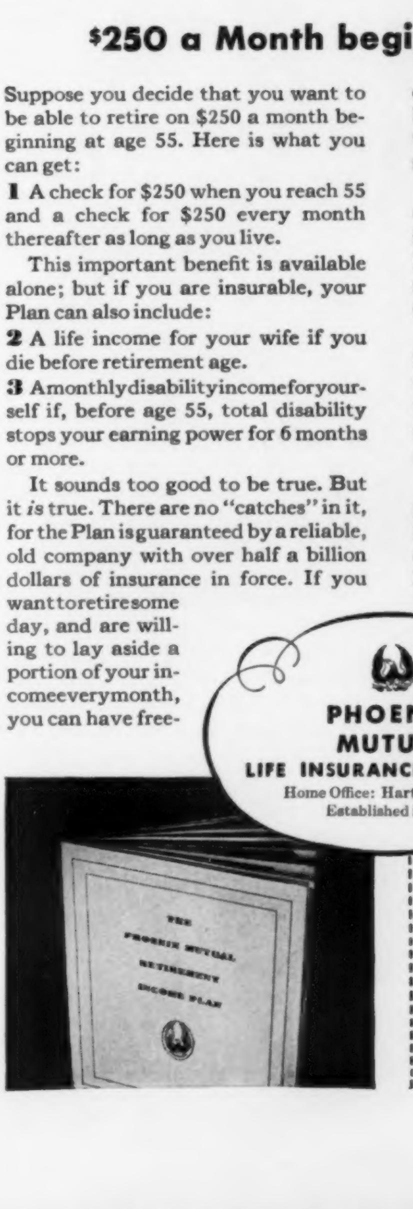
The Plan is not limited to men of 40. You may be older or younger. The income is not limited to $250 a month. It can be more or less. And you can retire at any of the following ages: 55, 60, 65, or 70.

How much does it cost? When we know your exact age, we shall be glad to tell you. In the long run, the Plan will probably cost nothing, because, in most cases, every cent and more comes back to you at retirement age.

Write your date of birth in the coupon below and mail it today. You will receive, without cost or obligation, a copy of the interesting illustrated booklet shown below. It tells all about the new Phoenix Mutual Retirement Income Plan. Send for your copy now. The coupon is for your convenience.

© 1936, P. M. L. I. Co.

PHOENIX
MUTUAL
LIFE INSURANCE COMPANY
Home Office: Hartford, Conn.
Established in 1851



PHOENIX MUTUAL
LIFE INSURANCE CO.
992 Elm St., Hartford, Conn.

Send me by mail, without obligation, your new book describing THE PHOENIX MUTUAL RETIREMENT INCOME PLAN.

Name____________________

Date of Birth____________________

Business
Address____________________

Home
Address____________________

____

FLIT destroys
FLIES and
MOSQUITOES

Spray FLIT for Health, Comfort and Economy!

Why let flies and mosquitoes menace your health and comfort this summer, when Flit kills these pests quickly and easily?

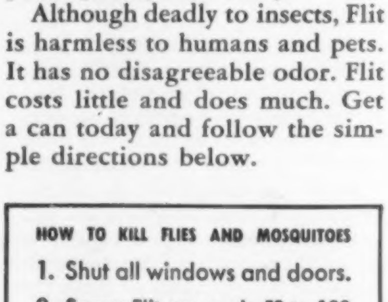
Although deadly to insects, Flit is harmless to humans and pets. It has no disagreeable odor. Flit costs little and does much. Get a can today and follow the simple directions below.

HOW TO KILL FLIES AND MOSQUITOES

1. Shut all windows and doors.
2. Spray Flit upwards 50 to 100 times in each room.
3. Leave rooms shut 10 minutes.

FLIT SPRAY DOES NOT STAIN

Flit Powder is a special, highly effective exterminator for crawling insects and fleas on dogs.



Copr. 1936, Stanco Inc.

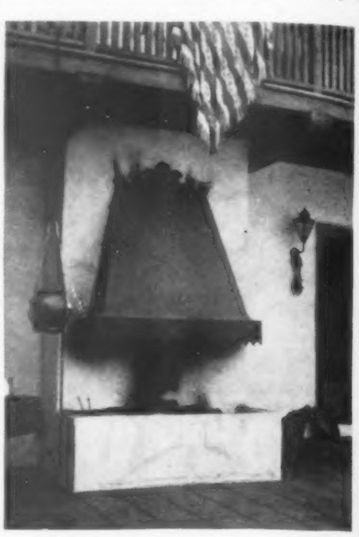
abutting ends plastered in by the stucco coat just deep enough to support them. An electric light conduit may be run along the blind side of the pergola supporting beam, with outlets provided at intervals to illuminate the garden.

In building a garden fireplace such as this, to a height of twelve to sixteen feet, a foundation footing four feet wide and fourteen feet across, with a depth of at least thirty inches, should be built of reinforced concrete, with reinforcing iron crisscrossed in the mix. The ends of some of the irons should project forward at least two feet, near surface, to tie into the cement foreground, which should be constructed after the fireplace has been completed.

A pleasing way in which to utilize space and add charm to the scheme of things is to build the charcoal broiler at one end of the fireplace. This can be accomplished by recessing the brick work. The bottom of the firebox should be three feet up from the cement floor. In proportion to a fireplace structure three feet thick and ten or twelve feet across the face, the broiler firebox should be one foot wide, two feet long, and one foot deep. At the top of the firebox the brick work should widen out at least six inches along each side so that when the grill rack rests above the fire, overlapping the firebox at least an inch on either side, there will be a hot brick shelf. Four to six plates can be stood upon edge, against the sidewalls, to gain warmth from the heated bricks, and hot baked potatoes can be laid in front of the plates to keep piping hot while the meat is being broiled.

The grill flue rises at an angle at the rear of its firebox, and should be at least eight inches square. If it draws too freely at times a brick or two can be stacked in the throat to cut down the draft. At each side, in the front of the firebox, a couple of strips of iron should be bolted into the brickwork, perpendicularly, to serve as grooves for a firegate. A good gate can be made by filling the exact space with a piece of perforated sheet-iron, which can be obtained at any hardware store. An iron worker or blacksmith can make a rack to fit over the top of the grill firebox. It should fill the length of the space and overlap an inch at each side, upon the brick. This rack may be made of quarter-inch round rods, an inch apart, inserted at opposite ends into two one-by-three-quarter inch flat strips of iron, and welded or riveted. Hardware and department stores now sell an aluminum broiling plate, containing a multitude of small holes, which can be used on top of the broiler rack to grill fish or bacon, without the annoyance of the meat dropping through into the fire. The broiler rack is ideal for steaks and chops.

The fire should be made by crumpling papers, and covering with fine kindling, to which larger sticks may be added. It takes such a fire twenty minutes to burn down to smoking coals. A second fire of dry wood usually develops, within forty minutes, a deep bed of glowing embers, suitable for broiling. The coals should be smokeless when the meat goes on the rack.



Outdoor fireplace in the Spanish manner in Santa Monica. John Byers, architect

At the opposite end of the fireplace superstructure a charming and convenient feature may be worked out by recessing the brickwork eight inches deep by thirty inches square. Into this can be set with cement a galvanized iron cupboard, with three shelves of the same material at varying heights, so that plates may be leaned against the back wall, and into which other dishes, including teapot, pitcher, coffee pot, and syrup container can be set. This box should be built of galvanized iron of such a thickness that it will not buckle in the hands. Shelves with crimped or hemmed front edges should be soldered in place. The door should be of heavy material, to resist warping, and should be put on with brass hinges and fastener. On the box, an inch or so above the door, the tinner should solder a galvanized coping a couple of inches wide, to serve as a drip to prevent rainwater from trickling into the top of the cupboard. The door should be recessed into a door frame flanged like an icebox to keep out the wind and rain.

If one cares to go to a slight expense, a buttress three feet square and the same height can be built at this end of the fireplace, as a part of it, and beneath the cupboard, for a work-table. In a brick recess, conveniently near, can be placed an electric outlet, with double plugs, to serve coffee percolator and waffle iron, which can be used on the buttress top.

TAKE an "all summer" VACATION at home

free FROM *hot weather* WORRIES *with* Gimco ROCK WOOL

Naturally, one appreciates leaving household routine, business worries and dull care far behind for a jaunt to one's favorite spa. But why endure hot weather worries through the remainder of the blistering summer when an all summer vacation at home is so easily acquired?

How? . . . Merely have the Gimco Dealer insulate your home with fluffy, fire-proof Gimco Rock Wool House Insulation. No alterations to your home are necessary. Feverish efforts to sleep in bakeoven bedrooms become just a bad dream as you slumber peacefully in top floor rooms that have been made up to 15 degrees cooler. Household tasks are accomplished easily and quickly. The cost is a trifle when compared to the priceless comfort that is acquired.

Write today for your copy of the interesting book, "Year Round Comfort for the Modern Home."

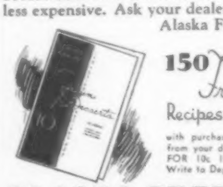
GENERAL INSULATING & MFG. CO., Alexandria, Ind.
WORLD'S LARGEST EXCLUSIVE MANUFACTURERS of ROCK WOOL PRODUCTS

New! GRATER complete with self-contained BOWL

Save Kitchen Work with This METCO FOOD GRATER

No clamping to table, arranging dishes, etc. Does quick, easy job of grating cheese, cocoanut, crackers, chocolate and other dry foods for summer salads, sandwiches, frozen desserts, etc. Two models: enamel finish in green, ivory, red or blue with handy rubber base—$1.00; plain finish without base—69c. At your housewares dealer or write **Metwood Mfg. Co., Rockford, Illinois.**

Delight YOUR WHOLE FAMILY ·· make over 150 delicious frozen desserts at home quickly, easily, with this



ALASKA *Triple Action* ICE CREAM FREEZER *with* ICE CUBE BREAKER ATTACHMENT...

Make frozen delicacies easily, quickly, with this amazing Triple-Action Alaska. Ice breaker attachment grinds cubes or regular ice directly into freezer. No fuss or bother. Freezes in 4 minutes.

Frozen desserts made at home are more delicious, less expensive. Ask your dealer to show you an Alaska Freezer now!

150 TESTED *Frozen Dessert* Recipes FREE

with purchase of an Alaska Freezer from your dealer; OR SENT DIRECT FOR 10c IN COIN OR STAMPS. Write to Dept. 11

ALASKA FREEZER CO.
WINCHENDON, MASS.

Welcome on the doormat

[Continued from page 33]

man's man wants comfort in his room decorations," he warned.

So with comfort and impartiality as to sex we have decided upon the furnishings for our guest room. Undoubtedly the impersonality of the many modern settings is why this style is chosen so frequently for guest rooms. When well done they are restful, utilitarian, and impersonal. However, a modern room in our Early American Colonial home would not fit into the scheme of things. Our choice of a mahogany Colonial bedroom set that boasts much of the Queen Anne period in feeling promises a comfortably substantial and impersonal background for our room.

Oval braided wool rugs with tones of blue predominating are to be used on the floors, and this same blue is to be picked up on the blue damask cover of the dressing table bench and the gay yellow and blue glazed chintz cover for the couch and window draperies. A white hand-crocheted popcorn spread placed over a yellow blanket cover will add a touch of additional sunshine to the room. A dressing table, bench, bed, bedside table, highboy, and the studio couch will complete the furnishings together with a spinet desk and a quaint little mahogany rush-bottom straightback chair and rocker, found in an antique shop.

Hunting through some old magazines we found some delightfully gay floral prints that are now being framed for the cream walls. Too often we have had to face uninteresting photographs of unknown friends or relatives probably hung in the guest room because the hostess did not wish to be confronted continually with them herself.

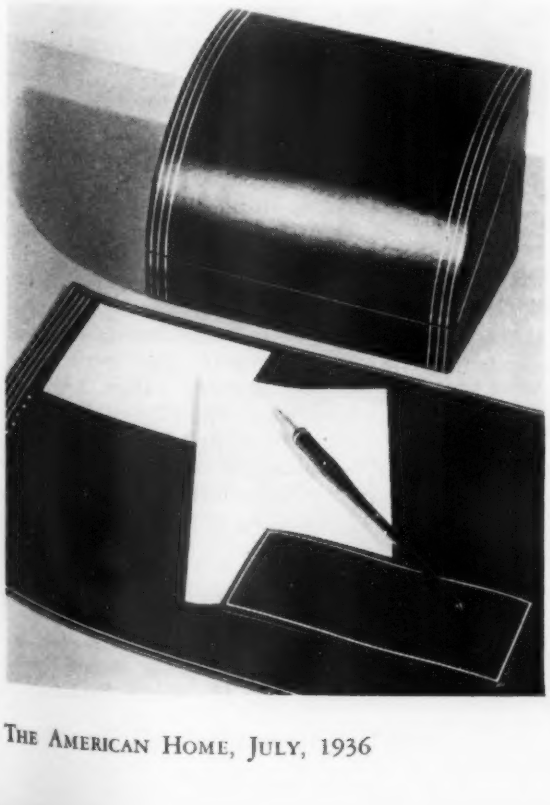
This forms the background for our guest room, but it is the little things, inexpensive additions so often overlooked, that spell the meaning of hospitality.

Guests' letter writing: The spinet desk, for instance, adds to the furnishings of the room. But of what use to the guest unless equipped with ink, pen and pencil, paper, and a book of stamps? Guests seldom remember to bring their own writing paper, and as for postage stamps—we have all experienced at some time a furious mental debate on whether to be bold enough to beg for stamps.

Runs in stockings and razor blades: In the excitement of packing for the trip guests frequently overlook other small but quite necessary items. Most of these can be purchased for little money at the dime store and the thoughtful hostess will keep the top drawers of the dresser and highboy supplied with small necessities to be used by the guest in an emergency.

My notebook jottings made as a week-end guest warn me to have in the dresser drawer a small sewing kit for loose buttons or stocking runs, a packet of hairpins, some face powder with a few cotton wool puffs, cold cream, a supply of facial tissues, and other feminine necessities.

My husband is planning to place a package of razor blades and a shaving mirror in the highboy. Also there is to be a shelf in the clothes closet that contains a pincushion with safety and sewing pins, a clothes brush, a bottle of cleaning fluid, a small shoe shining kit, a few first-aid remedies and such personal necessities as a good bar of unscented soap, a new toothbrush, a guest size tube of toothpaste, an orangewood stick, a



Guests seldom remember to bring their own stationery, and as for postage stamps—we have all experienced at some time a furious mental debate on whether to be bold enough to ask for stamps! The black steerhide desk ensemble from "The Writing Desk of Eaton"

Perine Studio

JOIN THE MUTINY IN THE BASEMENT

"I'LL NEVER GO THROUGH ANOTHER WINTER SHOVELING COAL, I'M PHONING FOR A WILLIAMS OIL-O-MATIC HEATING ESTIMATE TODAY!"

Install **OIL-O-MATIC** *now*

Nothing more to pay till October 1st!

THERE'S mutiny below . . . in thousands of basements. Men —yes, and women, too—who have patiently shoveled tons of coal into the furnace, then shoveled it out again in ashes . . . are finding how little it costs to have clean, care-free Williams Oil-O-Matic heat.

Just think of it! Mass production (Oil-O-Matic is the world's largest selling oil burner) has reduced Williams Oil-O-Matic prices 50% in five years! The new Oil-O-Matic cuts fuel costs to the bone. Now add to this what Oil-O-Matic saves you in ash hauling, furnace cleaning and repairs, cleaning and decorating costs and doctor bills due to uncertain coal heat. Do you see why the majority of Oil-O-Matic owners in a recent investigation said "It costs no more than coal!"

Don't shovel coal another winter. Williams Oil-O-Matic can be installed in your present heating plant in a few hours. It is noiseless, sootless, needs no attention. And Oil-O-Matic's Summer Plan, under the FHA program, permits installation NOW. ***Nothing to pay until October 1st*** **— then 12 to 36 months to pay the balance—low interest charges.**

Write or phone your Oil-O-Matic dealer today for a free heating estimate.

Also Manufacturers of Ice-O-Matic and Air-O-Matic

FREE! Fascinating new booklet "HOW TO ADD A ROOM TO YOUR HOME"

Mail coupon today

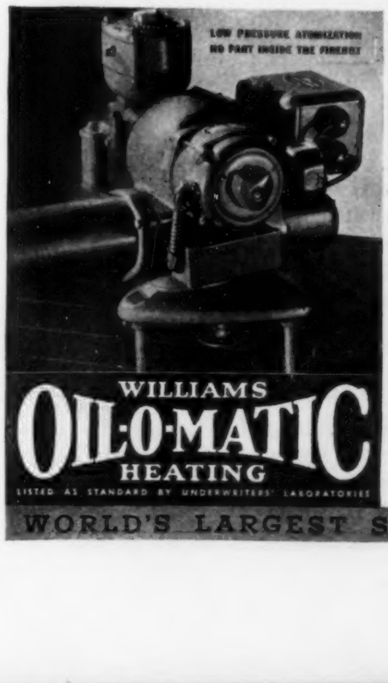
WILLIAMS OIL-O-MATIC HEATING CORP., Dept. 13-7, Bloomington, Ill.

Please send me your new free booklet "How to add a room to your home."

Name..........

Address..........

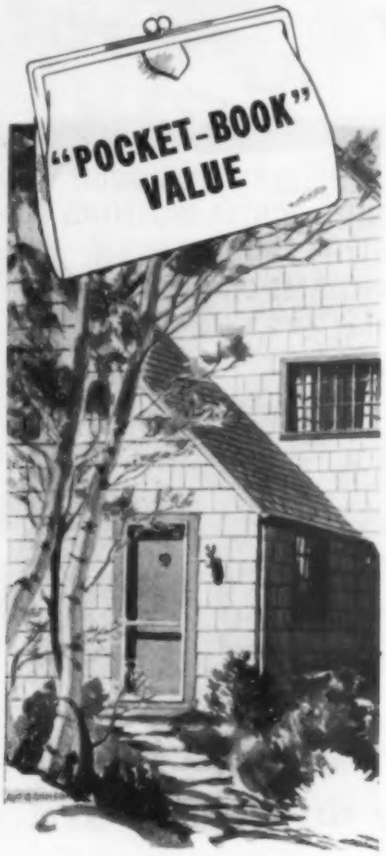
City.......... *State*..........


LOW PRESSURE ATOMIZATION
NO PART INSIDE THE FIREBOX
WILLIAMS
OIL-O-MATIC
HEATING
LISTED AS STANDARD BY UNDERWRITERS' LABORATORIES

WORLD'S LARGEST SELLING OIL BURNER

"Eye appeal"

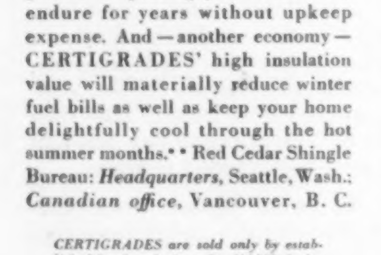
PLUS



. . . you get them both with CERTIGRADE Red Cedar Shingles!

WHAT a beautiful home — soft, deep shadow lines, natural color tones, random widths — all so characteristic of CERTIGRADES. You can bring the same "eye appeal" to your home without strain on your pocket-book, for first cost of CERTIGRADE Shingles is surprisingly low, and they endure for years without upkeep expense. And — another economy — CERTIGRADES' high insulation value will materially reduce winter fuel bills as well as keep your home delightfully cool through the hot summer months.* • Red Cedar Shingle Bureau: *Headquarters*, Seattle, Wash.; *Canadian office*, Vancouver, B. C.

CERTIGRADES are sold only by established lumber dealers. See YOUR dealer today for full information and literature.



small can of talcum powder, a comb, a mouthwash, and of course the usual supply of towels and face cloths. The items would be placed in the bathroom, of course, if our plans included this additional luxury.

No doubling up on hangers! The closet will also be provided with enough clothes hangers to make doubling up unnecessary. Then there will be the pair of bedroom slippers and a washable cotton bathrobe. Taking a tip from the hotelman, who is a master of the art of hospitality, the closet will contain a paper laundry bag. A nickle shopping bag serves the purpose well so that a guest will feel no compunction in tucking it into her bag to help segregate her clean and soiled garments.

We have made a solemn vow to equip our guest room with these inexpensive comforts as soon as it is ready, and as soon as one guest leaves immediately to replenish the list so that there will be no last-minute dashing to the nearest drug store to buy what we can after or just before the arrival of our next visitor.

A wastepaper basket and a clock are a foregone conclusion in the guest room. But how many hostesses in an effort to brighten up the room remember that certain of her friends may suffer from hayfever? The red roses that tell a story of love for some persons spell nothing but sneezes for others. So our floral decorations are to be restricted to a healthy potted fern.

Personal privacy is an issue with some, so we are making certain that there is no doubt as to the efficacy of the lock on the door. To insure further privacy, the principle that trespassers will be prosecuted is a wise one to teach the younger members of the family about the guest room. Also for the peace of mind of parents and guest we would suggest giving the children their breakfast before the guest appears to join the adult members of the family.

The mystery of meal hours: Some hostesses, quite unwittingly, make a great mystery of the hours for meals. A person can suffer untold hunger pangs simply by anticipating that every minute the next meal is about to be announced. Whereas if she is informed on the regular meal hours this certainty seems to eliminate such suffering. We are much in favor of the English custom of placing a jar of cookies and crackers in the guest room. This does away with between-meal hunger and, if she wishes, a guest may indulge in a snack before she goes to bed.

Breakfast is undoubtedly the most important meal of the day. Probably persons are more eccentric about their breakfast habits than any other meal. Some will have nothing but two cups of coffee and a piece of toast. While others will run the gamut of fruit, hot cereal, eggs, bacon or sausages, fried potatoes, toast, jam, and a beverage. We plan to let our guests know they are doing us a favor if they will tell us just what they prefer. Because, after all, the day well begun is the day well done.

PUT SUMMER HEAT
IN THE SHADE
Insulate Now

HAVE you ever checked the full facts about Home Insulation? Do you know that CAPITOL ROCK WOOL between walls and under roof customarily cuts Summer temperatures 8° to 15° . . . in Winter saves 20% to 40% in Fuel, soon paying for the whole job! Also moisture-and-sound resisting; wind-proof; fire-proof; permanent.

Practically any type of home can be insulated by our method of blowing in the insulation. Mail the coupon for complete information. No obligation.

CAPITOL ROCK WOOL INSULATION

MAIL COUPON TODAY

The Standard Lime & Stone Co., Baltimore, Md.

Please send me your FREE FOLDER: "The Story of America's Greatest Advance in Home Comfort." AH6.7

Name..............................

Address..............................

KNOW YOUR A-B-C

It's easy to use this modern compound. Melts scale and grease like sun melts snow. Satisfaction guaranteed. Money in it for Jobbers and Dealers.

Anthracite Boiler Compound Co.
711 Linden St. Scranton, Pa.

NEW KIND OF SEAL FOR JAMS..JELLIES..ETC.

A WHOLE PACKAGE OF 25 FOR ONLY 10¢

JIFFY-SEAL FOR EVERY KIND OF GLASS OR JAR!

Saves Time—Jiffy-Seal is the marvelous new invention for sealing jams and jellies of every kind. No wax to melt. No tin tops to boil. Just moisten, press on, and it's done!

Saves Money—25 Jiffy-Seals for 10c! Use all your odd-shaped glasses or jars! No new glasses to buy! No tin covers needed! A big money-saver!

Saves Preserves—Millions find Jiffy-Seals give absolute protection! Tough, air-tight, transparent seal! Preserves are *safe* in Jiffy-Seals!

At grocery, neighborhood, or 10c stores or send 10c to Clopay Corp., 1227 York St., Cincinnati, Ohio.

Over-zealous entertainment. When breakfast is finished the week-ender frequently finds herself confronted with a full program for the day that will leave her no time to herself. A few things should be planned, but some time at least should be allowed the guest so that she may roam about the house or grounds at will, or retire to her room for relaxation.

A few current magazines, a representative choice of books from a good biography to a collection of detective yarns will be placed in our guest room together with a choice of cigarettes and a convenient ash tray. A reading lamp is essential, and the entire lighting of the room is to be arranged so that all switches are clearly visible.

In other words, there will be no mystery about our guest room. Its facilities will be obvious. And at no time will any valuable pieces of bric-a-brac be used.

A beach house

[*Continued from page 40*]

the sloping ceiling, which are heated by warmed air from the fireplace rising to the balcony.

In addition to the two mezzanine bedrooms, there is a guest suite on the ground floor which opens off the living room. A front porch is formed on the seaward side by the overhead projection of the mezzanine bedrooms beneath which is space for porch chairs, trellised vines, and flower beds. On the opposite side of the house, a woodshed and garage are connected with the kitchen by a latticed porch.

The unusual touches of this farmhouse type beach house add much to its effectiveness, as well as its comfort. Note the rain barrel, cobble-stone porch pillars and cleverly broken roof line; the horse-shoe door knockers; cleverly made backless chairs, formed by covering nail kegs with gay chintz; ship-bunk beds with ladders for convenience of upper-berth occupants; dressing tables trimmed with rope; ship's lamps for lighting fixtures. And last but not least—notice the tremendously large fireplace which holds the key to the heating problem.

Correction: We regret that the name of the author of the article "Open the Doors To the Garden" published in the May issue, was incorrectly given. It should have been Mrs. H. Morell Roller.

And more about kitchens

Kitchen in an Ohio residence, of which Louis A. Lamoreux was architect, with walls of Carrara

Left: The Hamilton Beach food mixer is shown with the juicer attached at the top. Below: The Sunbeam Mixmaster, made by the Chicago Flexible Shaft Co., is so constructed that it can be used at stove or table, detached from the main part of the appliance. The new KitchenAid electric mixer is modern in design and very compact. It has a bright metal finish so that it will harmonize with any kitchen color scheme

This red and white kitchen set—a color combination very popular just now consists of cabinet units, table, and chairs. The lines are simple and consistent with a well-planned, workmanlike kitchen. G. I. Sellers & Sons Co.

FREE PROOF

THAT HOLLAND CAN GIVE YOU

Perfect Heat in Every Room

Amazing SAMPLE FURNACE Demonstration Shows You Why Holland Alone Guarantees You 100% Satisfaction

Heating requirements of every room are individually determined by Holland's own trained engineer and an installation accurately planned according to his findings. No guesswork—every room must be perfectly heated.

The Holland Furnace Company's own specially trained experts install the entire system under our engineer's personal supervision. Then you receive the factory's own unqualified Guarantee of perfect heat in every room.

AIR CONDITIONING OPTIONAL

Air conditioning is no longer a costly luxury. The new HOLLAND system can be added at any time to any warm air heating system. Gives you year-round comfort at amazingly low cost. Fully guaranteed by the manufacturer.

See This Convincing Proof of a Great Advance in Low-Cost Warm Air Heating

OF all furnace manufacturers in America, only HOLLAND gives you a direct factory-to-you Guarantee Bond that insures perfect heat in every room. WHY? Some of the numerous reasons "why" are pictured on the right. The amazing demonstration pictured above will reveal many more. Why not learn the facts? Ask for this demonstration now and see with your own eyes, on a perfect scale model, the outstanding improvements in scientific warm air heating HOLLAND alone can give you. Without cost or obligation, you learn facts about home heating economy and efficiency that every home owner ought to know. Why not mail the coupon right now for complete information about Holland Factory-Guaranteed home heating systems?

HOLLAND FURNACE COMPANY

HOLLAND, MICHIGAN

World's Largest Installers of Home Heating and Air Conditioning Systems

HOLLAND FURNACE CO. *Mail Coupon Today!*
Dept. A.H.-7, Holland, Mich.
Rush me full information about Holland Home Heating Systems. Also—
☐ Holland Automatic Burner Equipment
☐ Holland Air Conditioning
☐ Have Engineer call
Name....................................
Address....................................
City....................State.........

Automatic
HEAT
with cheaper coals
saves as much as
50%

● You can have Automatic, clean, even heat without using expensive fuels! Fairbanks-Morse Automatic Coal Burners give it to you and *cut your heating costs as much as 50%!*

Fits your present heating system. No new boiler or furnace—no expensive auxiliary equipment. No tanks or pumps—no special flue or chimney lining required.

Control from a thermostat just like oil or gas. No acrid fumes, no greasy residue on home furnishings. F-M Automatic Coal Burners have caused thousands to exclaim, "At last, the ideal heat!"

Use coupon to get free booklet describing new, exclusive advantages of F-M Automatic Coal Burners. Do it now. Find out about special low cost offer for this summer only.

Fairbanks, Morse & Co.
900 S. Wabash Ave., Dept. 17
Chicago, Illinois
Please send me your FREE book on Automatic Coal Burners. I am now burning about ....tons per season.

Name..............................
Address..............................
City............ *State*............

FAIRBANKS-MORSE
Automatic COAL BURNERS

Tasty OUT-DOOR MEALS *So Easily Prepared!*

HOW often you have wished for an out-door cooking fireplace in your own back yard or at your camp or summer cottage. The MASTER DE LUXE GRILL is just the thing you need.

This grill not only answers the need for an out-door fireplace at home but it folds to only 11" x 12" x 15" (24" high set up) and is easily carried in your car on picnic or fishing trips.

Burns charcoal, briquettes or wood. Cooks steaks or other foods to most delicious flavor due to patented vertical fires, no blazing or scorching. Large top for coffee or pan foods.

Sent, all charges paid, on receipt of money order or check for $7.50 ($7.75 Southern or Western States). *If received before July 10th will include FREE: 2 piece set stainless steel cooking tongs made especially for outdoor grills.*

SEND NOW AND SATISFY THAT LONG-FELT DESIRE.

MASTER METAL PRODUCTS, Inc.
315 Chicago St.
Buffalo, N. Y.

Hooking

[*Continued from page 60*]

simply, one side of the midrib being done with a very dark green and the other with a much lighter shade, still dark enough, however, to contrast effectively with the background. All this must be thought out very carefully before beginning to hook in a design.

The second round mat, the one patterned with the Empire wreath, illustrates still another treatment and a very skillful use of materials. While the wreath has the appearance of being continuous, each leaf is treated individually, often with contrasting textures, and as a whole shades from the palest of coral shades at the top down through the deepening tones, some of which are flecked with threads of black and white, to end in a deep rich shade of Venetian red at the base, and as the stems cross, the upper one is worked with a red and black mixture that shades just enough darker than the plain color beneath to contrast with it.

The background is black and the border is made of strips of a plaided goods combining black, white, violet, green, and blue, so handled that the effect is as if individual colors were used in developing a pattern. Inner rows next to the black are dominantly white and black with a little of the green mixture at intervals. Those outside use the darker mixture of green violet and black, and finishing the edge are two rows of black.

In contrast to this mat in coloring is the oval on the little maple "crocket," which is done in pastel shades throughout, background as well as design, and is a delightful example of subtly related color harmony. Even the rose foliage is an intermingling of drabs and grayed greens in combination soft reseda tones, so that the resulting color has a faded or antique appearance. The central field is the creamy white of old woolen goods, the enclosing scrolls are rose-rust, and beyond, the ground is filled in with pale ecru bordered with a row of tan and gray.

Fruit designs are not common in hooking, yet nothing is more suitable for the ornamentation of a mat for use on one of the old chairs with stenciled backs that so intrigue the collector or, for that matter, with any of the simple wood or rush seated chairs that are used in a country house dining room or the farmhouse type. Pictured is such a design developed in purples, yellows, greens, and browns. The central field is yellow and the colors used in the central ornament are repeated in the border, which is styled so that it can be adapted to suit the shape of any of the old chair seats.

OVEN-FRESH *flavor-perfect*

Kellogg's Corn Flakes never stay long on the grocer's shelf. And they're kept oven-fresh by the *heat-sealed* WAXTITE inner bag — an exclusive Kellogg feature.

A wholesome ready-to-eat cereal, always crisp and delicious. At all grocers, ready to serve. Low in price. High in value.

Nothing takes the place of

Kellogg's CORN FLAKES

"The building supply dealer recommended FIR-TEX because fir makes the finest insulation board"

FIR-TEX provides three times the insulation of fir, one of the best insulating woods in its natural state. Fir-Tex is eight times as effective as plaster board, twelve times brick, fifteen times clay tile and twenty-five times as effective as concrete. There are many wallboards, but none have as much insulation value as Fir-Tex.

Only Fir-Tex has all these qualities

1. All wood
2. No chemicals
3. Waterproof
4. High insulation value
5. Vermin proof
6. Fire-retardent
7. Not laminated

FIR-TEX
Nature's gift from the great Northwest Woods

FIR-TEX INSULATING BOARD CO.
DANT & RUSSELL, Inc., General Distrs.,
Portland, Oregon.

Gentlemen: Kindly send me Home Owners' Catalog, *Free.*

Name..............................
Address..............................
City.................. State..........
AH-Ju6

The herbaceous garden

[*Continued from page 13*]

G. F. Wilson, the red from the magenta rather well washed away, so that the color effect is blue, but rather pale in tone. The plant is also of rather loose habit, taller and more tumbling than most forms. It is the "blue" form most seen in gardens. A better plant is the little Fairy, a very small flower of very round petals, in compact cluster, clear lavender in color. It is a long and late bloomer, of dense compact habit, but a rapid grower, and except for its prickly foliage it might be some rare species from the Rockies. If your eye is weary from Vivid and its kin, rest it with a lavender mound of Fairy. The pure blue seems to be approached in Blue Hills, recently offered by dealers, but I have no personal knowledge as yet.

You may raise other seedlings yourself and fill in the gaps in this color series with better forms. Seedlings come up readily about the old plants, with considerable variation in color (mostly purples), and must be pulled up or transplanted if your color paintings are to remain true to original color. The seeds germinate readily in pot and pan, but it is a slow and tiresome task to pick the seeds. The capsules are few and rather hidden by the summer growths, but before they seem really ripe they each burst with great energy and shoot the seeds afar.

There are related species that give the same effect of Moss Phlox. Britton Phlox (P. brittoni) is a form or separate species according to your botanical training. The foliage is narrow, gray, but not prickly. The flowers are pure white, the petals deeply notched to form a ten-pointed star. As the flowers do not wholly smother the gray foliage, the effect is a gray-white, very different from the solid mass of white of Snow. It is a robust species, thriving in heat and sun. Cleft Phlox (P. bifida) is taller, at least six inches, the foliage narrow but not prickly. The petals are deeply split (again the ten-point star), light purple, light blue, or white. It is a sort of intermediate between Moss Phlox and Blue Phlox (P. canadensis), but the latter does not have evergreen leaves. Cleft Phlox is native in our central states.

Mauve Phlox (P. stellaria) is a loose slender plant, attaining a height of at least six inches, with narrow leaves not prickly. The flowers are very large, palest blue to white, the petals round and wide, shallow notched. It might be a robust form of G. F. Wilson, but the foliage is not prickly. Dealers offer it, but it is not a robust

[*Please turn to page 74*]

A shabby small town house

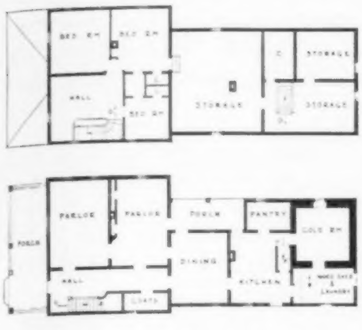
[Continued from page 25]

where the river cuts in near the street, and the property between has been acquired by the village and dedicated as parkway.

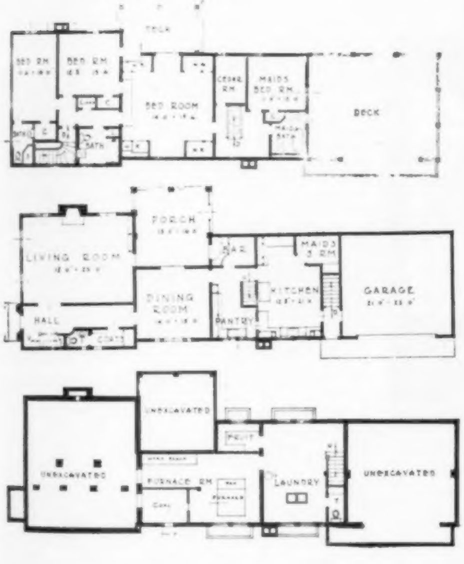
The property that Mr. and Mrs. Briggs were finally able to purchase faces this parkway and commands a glorious view of the river. The plot has a 65 foot frontage, 165 feet in depth, with a 16.5 foot lane adjacent to the right property line (which serves as entrance to garage) and also a similar one adjacent to the rear line. The two cannons you may note in the photos are from Admiral Perry's flagship which played such a memorable part in the naval battle on Lake Erie near by, the village being named of course in the Admiral's honor. One mile further west on the same side of the river and just outside the village limits, is the site of Fort Meigs, now owned by the government with monument, shelter houses, and original earthworks.

Of course the original house was sound structurally, the studs being clear white pine or oak, and 4" x 4" in size. Plates were 3" x 8" oak; sills 8" x 8", or 8" x 10" and of oak; and the shape and size in general was such as to lend itself well for replanning to fulfill the owners' requirements in every detail.

Before alterations



After alterations



The simple Colonial style is especially fitting, and very pleasant is the doorway, which of course is the feature of the front or street elevation. The owners plan in the spring to erect an appropriate wood picket fence close to the sidewalk in the true New England manner. The cost list follows:

Cost of alterations and additions

Wrecking	$316.00
Raising house (14")	110.00
Excavation	462.00
Hard and soft tile drainage (including septic tank)	167.00
Concrete and cement work	608.00
Masonry	653.00
Miscellaneous iron and rough hardware	87.00
Lumber	983.00
Millwork	1,508.00
Rough carpenter labor	784.00
Finish carpenter labor	1,247.00
Finish hardware	61.00
Tilework, miscellaneous fireplace material and medicine cabinets	94.00
Sheet metal work	168.00
Composition roofing	142.00
Plumbing labor	603.00
Plumbing fixtures	368.00
Heating (conditioned forced air)	800.00
Electric wiring	286.00
Painting	344.00
	$9,791.00

In addition to the above items usually included as general construction cost, the following items may be added to make a complete ready-to-move-in job.

Electric fixtures	$269.00
Screens	120.00
Wallpaper (including material)	145.00
Weatherstripping (all doors, including brass thresholds and front elevation windows)	61.00
Landscaping (including finished grading and seeding, furnishing, moving and setting trees and shrubs)	244.00

You will possibly note that in the above list there is no item of *lath* and *plaster*. A rather unusual feature of this job was the fact that the entire interior was lined with ¼" wallboard. By so doing the architect avoided all the water which seems necessary with any plastering operation, and which would have saturated the fine old bone dry timbers, even if all the old wood lath had been removed. As it was, the old plaster was left on (a saving in itself), and where chases for heat ducts, piping, or wiring were required, no care was necessary to save same. Furthermore, the old plaster together with the board added appreciably as insulation for the house. A patented crack filler was used and the wallpaper and paint applied directly to the board, after priming. This board and its application adds to *lumber* and labor items.

Dick Powell Selects WESTERN PINE

In Hollywood, the homes of the Stars are noted for their beauty and excellent taste. Dick Powell, appearing in his latest Warner Bros.—Cosmopolitan Production "Hearts Divided"—starring Marion Davies—is one of the many who has added dignity and enduring charm to his home with Knotty Pine paneling. The mantel, showing the French Provincial motif, is also of Western Pine. Write for interesting free booklet "Western Pine Camera Views." Western Pine Association, Dept. F-1, Yeon Bldg., Portland, Oregon.

WESTERN PINES

Idaho White Pine • Ponderosa Pine • Sugar Pine

How to Get the Greatest

COMFORT
CONVENIENCE
ECONOMY
SAFETY
DEPENDABILITY

When heating
YOUR
HOME

SPENCER-

38 Years a Leader in AUTOMATIC HEAT

More than 50,000 owners will tell you that the answer is—"a Spencer Magazine Feed Heater." Because it provides "The Most Comfortable Heat in the World—and at low cost." Get all the reasons why. Mail this coupon today.

SPENCER HEATER CO., Williamsport, Pa.
Without any obligation on my part, please send me your Free Book about Economical Automatic Heat, with Anthracite Coal.

Name..........

Street Address..........

Town.......... State..........

JLY

A SPARKLING
CLEAN TOILET
Never
Smells

Toilet odors are a sign of insanitation. Germs are breeding there. You must take extra sanitary precautions in hot weather. Keep the toilet bowl spotlessly clean and safe with Sani-Flush. Save yourself unnecessary scrubbing and scouring.

Just sprinkle a little of this odorless powder in the bowl. (Follow directions on the can.) Flush the toilet and the job is done. Spots and stains vanish. The porcelain glistens like new. The concealed trap, under the toilet, is purified and safe. Sani-Flush is quick and thorough . . . cannot injure plumbing. *It is also effective for cleaning automobile radiators (directions on can)*. Sold by grocery, drug, hardware, and five-and-ten-cent stores —25 and 10 cent sizes. The Hygienic Products Co., Canton, Ohio.

Sani-Flush
CLEANS TOILET BOWLS WITHOUT SCOURING

Conquers "NEW WORLDS"

Amazing chemical discoveries are constantly opening fresh opportunities to conquer "New Worlds". Read about them in Popular Mechanics. Besides, every month this big 200-page magazine is crammed full of fascinating accounts and colored pictures of daring adventures, astounding scientific achievements in engineering, aviation, electricity, physics, radio. Special departments for home craftsmen and practical shop men—easy to follow plans. Dont' miss this month's issue—a thrilling record of the worlds' newest wonders—25c at all newsstands.

POPULAR MECHANICS

THE MYSTERIOUS
WORLD WITHIN YOU

Those strange feelings of intuition and premonition are the urges of your inner self. Within you there is a world of unlimited power. Learn to use it and you can do the right thing at the right time and realize a life of happiness and abundance. Send for new, FREE, SEALED BOOK that tells how you may receive these teachings. Address:

SCRIBE A. N. F.
The ROSICRUCIANS
[AMORC]
SAN JOSE, CALIFORNIA

The herbaceous garden

[*Continued from page 72*]

grower, and so untidy in habit that it is best in the wall garden. Amoena Phlox (P. amoena) is not actually a "moss" species, for the tiny leaves are nearly round, but the flower is large, with wide round petals, of the bright rose color of Vivid. It does not creep, but makes tight little tufts, and it is the least aggressive of our Eastern species. It is safest when planted in a crevice in the rock garden.

Many other dwarf species grow in our Rockies, but they do not seem at home in Eastern gardens. The most willing seems to be P. douglasi, like a small form of Moss Phlox of the color of a rose Aubrietia, but lacking the vigor of our Eastern Moss Phlox.

Photographing your flowers

[*Continued from page 23*]

This is well illustrated in the picture of the Peony. There is nothing real sharp in this picture except the flowers and their leaves. The fence and the rest of the foliage are out of focus.

You will find that these close-ups will require considerable exposure. As much as five or six seconds at times. So the problem of the wind moving the plant enters here. There isn't much you can do about the wind, excepting to wait for a lull. You will learn all about the wind as you go along. There always seems to be some.

Some of the best flower portraits are made indoors. Here it is all a matter of light, and you can have any light you want. The diagram shows a good set-up for indoor work. You want to photograph an extra fine bloom, we will say, of your favorite Gladiolus. Cut the stem long, and place it in the neck of a bottle, with water in the bottle. Cut a section out of a cork stopper to make room for the stem and put the stopper in the bottle. This will hold the flower in any position you place it, and at the same time the flower will be getting the necessary water.

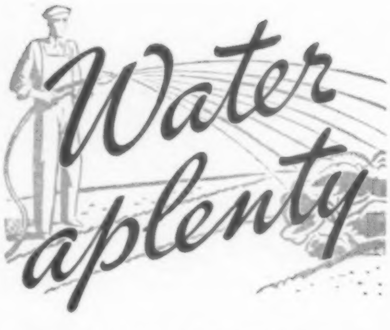
If the flower is white or of a light color use a black background, which should be large enough to allow for placing it well back of the flower. Keep the light off the background as much as possible and do not try to get it in sharp focus. The window at the right will give you the light you need, and the reflector at the left will help to balance it up. You can make good pictures with this light, but the addition of a spot light as shown in the diagram is a fine thing to add to your equipment. You can use a bulb of high power, 200 watts to 500 watts, or you can use one of the photoflood bulbs which throw a very strong light. By placing this light high and on nearly the same plane as the flower you can shoot the light down directly from the top, which will give you a light much like sunlight. It will throw into shadow the delicate detail of the petals and give a roundness to the picture which is much to be desired.

The white reflector at the bottom will help to soften the shadows, and the closer you bring this reflector to the flower the softer the shadows will be. Light is an interesting thing to play with, and you will have lots of fun with a spot light. All sorts of trick lighting are easy with this extremely handy tool.

If the subject is red, or a dark orange, a white background must be substituted for the black one. In this instance, the light should be allowed to shine on the background as well as the flower. These two colors photograph very dark with the orthochromatic film, and color filters sometimes must be used to get a good effect, as well as a shift to the panchromatic film. Panchromatic means all colors, of course; so this film is sensitive to red as well as to other colors. It will not however, give a good rendering of certain reds without the aid of a red filter over the lens. Orange flowers should be photographed with a yellow filter. An orthochromatic or a panchromatic film can be used with the yellow filter. Both films are particularly sensitive to yellow.

Good pictures can be made with the spot light alone. The portrait of the Night-blooming Cereus, for instance, was made at night because that was when it was blooming. The spot light was used, with the necessary reflectors to bring softness into the shadows. The main thing is lots of light properly directed and managed. Then lots of exposure. Sometimes a full minute is not too much when the lens is stopped down very fine. The negative should show detail clear down into the deepest shadows. The highlights should not be opaque, but show the delicate detail of the flower. Indoors, you are not bothered with the wind and have everything your own way.

Just a word about printing the negatives. When you get a negative you like, experiment with the various grades of photo paper which are on the market. There are grades ranging from extremely soft to extreme contrast and a negative must be pretty hopeless if it cannot be printed with one of these grades. A perfect negative will print best on a normal paper, but sometimes a soft paper must be used or a contrasty paper. For an extremely contrasty negative use soft paper, and for a weak, un-



UNDER PRESSURE ALL YEAR 'ROUND

200 GAL. PER HOUR
COMPLETE SYSTEM
Lowest price ever quoted $49.95 f. o. b. factory

● Think of it! A 200 gallon per hour home water system complete and ready to connect now costs only $49.95! See this and the other modern F-M Home Water Systems in our new FREE book. It tells you how your home can have running water all year 'round for only a few cents a day.

MAIL COUPON FOR
FREE BOOK!

Fairbanks, Morse & Co., Dept. 7621
900 S. Wabash Ave., Chicago, Illinois

Please send me your illustrated free book on water systems.

My source of water supply is:
........Lake ....Shallow Well ....Stream
........Spring ....Deep Well ....Cistern
Have you electricity? ....Yes ....No

Name..........
Address.......... *R. F. D.*..........
Town..........
County.......... *State*..........

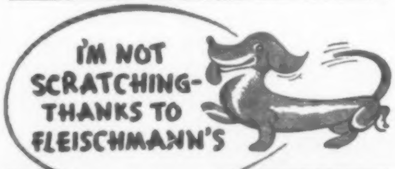
FAIRBANKS-MORSE
HOME WATER SYSTEMS
Engine or Motor driven for every farm or home use

Sectional Steel Garages
That Look Like Wood

1 car $87. 2 car $129.

Field Offices, Storage Sheds, Pump Houses, Factory Buildings, etc.

Steel Buildings For All Purposes—Since 1914.
Easily Erected—Write for Catalog 'A.'
JOHN COOPER CO.
307-9 Second St., Hackensack, N. J.



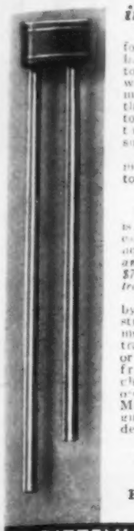
BANISH YOUR DOG'S
"SUMMER ITCH"
This Safe Easy Way

THE summer itching and scratching of your dog are often due to vitamin deficiency in his food. Treat the trouble *internally*—by correcting the diet. Just add a teaspoonful of Fleischmann's Irradiated Dry Yeast to each meal, and watch how quickly your dog gets relief.

25¢, 50¢, 85¢, $3.50. Sold at pet, department, sporting goods, feed, seed, drugstores. If your dealer hasn't it, write Standard Brands Inc., Dept. AH-7, 595 Madison Ave., New York, N. Y.

STOP "Door-Bell Nerves"!

Organ Chimes
instead of B-R-R-Rings



Here's the *NEW* announcing signal for the modern home! When your door-button is pressed, two deep organ-like tones replace the irritating, nerve-wrecking bell or rasping buzzer. Tremendous nervous relief for everyone in the house. A charming note of welcome to your guest. Avoids confusion with the telephone. Can be used as graceful summons to meals.

Hangs on the wall. A fitting ornament for hall or living room. Designed to harmonize with modern furnishings.

A Wedding Gift Idea

The Rittenhouse Electric Door Chime is a unique and useful gift at any time—especially suitable for weddings, new home-owners, etc. *Finished in bronze and brass, $6.00; chrome and black, $7.00; prepaid, complete with special transformer.*

Easily Installed by an electrician or by anyone who follows the simple instructions supplied with each instrument. Comes complete, with special transformer. At your electrical dealer's or order direct from us with check, money-order or C.O.D. Money-back guarantee. Free descriptive folder.

**A. E.
Rittenhouse
Co., Inc.,
Dept. 53,
Honeoye Falls,
N. Y.**

**RITTENHOUSE
Electric DOOR CHIME**

Quick
Drying
61
FLOOR
VARNISH

NOT slippery. NO polishing. "61" STAYS on your floors for years, without renewing. It is heelproof, marproof and waterproof on floors, linoleum, furniture and woodwork. Sold in all size cans, by paint and hardware dealers. Pratt & Lambert-Inc., Buffalo, N. Y.

"PRATT & LAMBERT"
A GOOD HOUSE PAINT

Are You Moving?

When you change your address, please be sure to notify us at least four weeks in advance. The Post Office Department will not forward magazines to a new address unless you pay additional postage, and we cannot duplicate copies sent to a former address. Will you please cooperate by giving us the change promptly, sending old and new addresses to the Subscription Department, The American Home, 251 Fourth Ave., New York City. This will insure your getting your magazine without delay.

THE STEVENS CHICAGO
WORLD'S LARGEST HOTEL

3000 OUTSIDE ROOMS 3000 BATHS 2⁵⁰ UP

der-exposed negative use contrasty paper for best results.

It is now possible to make color pictures on paper. It is rather a complicated process and involves considerable outlay for equipment, but it is possible to get true color prints on paper without any hand coloring. Your photo dealer will tell you about this if you are interested.

One thing in conclusion. As you go along with flower photography you will develop a still keener sense of the beauties of the things you photograph; a deeper appreciation of the miracle of flowers.

Flower show winners

(Shown on pages 32 and 33)

One of the very interesting competitions staged by the Federated Garden Clubs of New York State at the big flower show last March, was that for arrangements of garden rooms. The three prize winners, illustrated on pages 32 and 33 are full of suggestions for re-arranging the garden workshop this summer, or for completely replanning it next fall in preparation for the next garden season.

Judges awarded the first prize to the exhibit of the Garden Club of Larchmont, shown at the top of page 32. Here the walls and cornice over the window are stained walnut color, and the trim is green. Vases, flower holders, and garden books are concentrated on built-in shelves above the working surface. Wooden pegs along a hook strip are convenient for large tools and keep them off the floor and out of the way. The high counter is a bin for soil, fertilizer, sand, and the like, properly separated. The lower counter holds the small but deep sink, and provides a good surface for re-potting and caring for seed flats. Small tools are hung within easy reach of the right hand.

The Lake Mahopac, Putnam County, Garden Club won second prize with the exhibit shown at the bottom of page 32. Pine trim counters and shelves contrast pleasantly with gray walls, and the floor is of brick. Especially interesting is the rack at the right, with shelves and pegs to accommodate equipment that hangs, stands, or leans. Bins for soil and fertilizer pull out toward the worker. The large sink is equipped with a goose-neck fixture.

Dark blue trim against gray walls was selected by the New Rochelle Garden Club, awarded third prize. A shelf directly under the windows gives a healthy place for flats of young seedlings and does not interfere with the work surface itself. Note the packets of seeds kept in a sectional box on top of the counter. The flower arranging section is separated from the rest and is very complete.

1.
2.
Lena Rue
3.
4.
5.
6.

1. COVERS EYES AS CALLER'S DOG TOPPLES POLLY'S CAGE, SPILLING PARROT AND SAND TO FRESH-CLEANED RUGS

2. ORDER RESTORED—SKIPS TROUBLE OF SETTING UP VACUUM—DEPENDS ON HANDY BISSELL TO ERASE MESS

3. PLEASED BY CALLER'S ADMIRATION AS BISSELL'S HI-LO BRUSH AUTOMATICALLY ADJUSTS TO CLEAN HIGH AND LOW RUGS

4. EVEN DOG INTERESTED AS BISSELL CLEANS BENEATH CHAIRS—AND STAY-ON BUMPERS PREVENT SCRATCHING FURNITURE

5. MAINTAINS EVERY HOUSEWIFE SHOULD USE BISSELL FOR QUICK CLEAN-UPS AND SAVE VACUUM FOR GENERAL CLEANING

6. CHATS ABOUT NEW BISSELL... "I use my new Bissell for all quick clean-ups and save my vacuum cleaner for periodic cleaning. Bissell's exclusive Hi-Lo brush automatically and *fully* adjusts to clean any rug nap. It's much better than the old sweeper."

Models from $3.95 to $7.50

BISSELL
The really better sweeper
Grand Rapids, Mich.

Before
YOU BUY OR BUILD—
**A New Service Booklet FREE
To Our Readers**

A valuable addition to our readers' service bulletins is a new one which every prospective home builder or home owner should consult before investing one cent in his new home-owning venture. It is a most comprehensive check list of things to look for in buying or building a new home and prepared especially for American Home readers. Sent free; a 3-cent stamp *must* be enclosed for postage. Address your requests for copies to:

THE AMERICAN HOME
251 4th Ave., New York

HAND KNITTING YARNS
LOWEST PRICES

FOR SPORT SUITS
COATS — DRESSES
SWEATERS — ETC.
MANY OTHER NOVELTY YARNS

WRITE 400 SAMPLES FREE

SPECIAL WHITE ANGORA 2 BALLS $1

Satisfaction or Money Refunded
A trial order will convince you. Specialists for over 25 Yrs.
J. C. YARN CO. (Dept. B-7), 111 Spring St., New York

RAISE GIANT FROGS

FREE BOOK

START BACKYARD!

Good possibilities. Breeder lays 10,000 eggs yearly. **Frogs sell up to $5 dozen.** Market waiting for all you raise. Any climate suitable. Write for **FREE FROG BOOK** today.

**AMERICAN FROG CANNING CO.
(Dept. 151-M) NEW ORLEANS LA.**

STEARNS POWER Lawn Mowers

You CAN AFFORD This Power Mower

STEARNS-made throughout with all the tested and proved features that have made Stearns power mowers famous. It is as outstanding in quality and performance as in price.

Simple and easy to start and operate, there are no complicated manipulations. The perfect balance of design assures greater ground coverage than the 18" cut would indicate.

Ask your dealer or write
us for descriptive folder.

ONLY
$74⁵⁰
18" cut

4 other sizes up to 27" cut.

Prices from $94.50 to $235.00.

E. C. STEARNS & CO. ESTAB. 1864 SYRACUSE, N. Y.

The BENDIX
RED-CAP
GARDEN HOSE
COUPLING

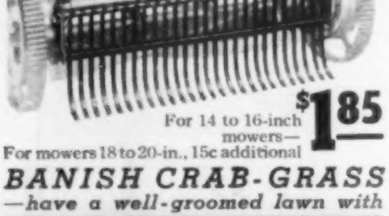
Snaps on

WATER-TIGHT! 60c
Snaps off in an instant!

END all your hose-coupling troubles—permanently! The Red-Cap coupling snaps on water-tight . . . disconnects in an instant. Won't leak. Won't let go accidentally, yet you can slip it off with two fingers! No more lost washers—no crossed threads—no knuckle-bruising bother, screwing old-fashioned couplings on and off! Lower half fits over any standard ¾-inch hose coupling—upper half goes on faucet. Easy to install—no tools needed. Then you've got "snap-on-and-off hose service!"

ENDS HOSE KINKING! RED-CAP COUPLINGS SWIVEL FREELY!

Red-Cap coupling can't pull apart—stands as much pressure as the hose itself! And it S-W-I-V-E-L-S! You can twist it freely 'round and 'round, with never a leak! Think of the bother it saves you! Use it in the garden, the laundry, on sprinklers, or to connect several lengths of hose. Equip every screw-on faucet NOW, with RED-CAP connections. See your hardware man, or order direct from factory—use the coupon. Complete RED-CAP coupling (order one complete coupling for each length of hose), 60 cents each; extra faucet connections (order one for each additional faucet) 25 cents each.



For 14 to 16-inch mowers—$1.85
For mowers 18 to 20-in., 15c additional

BANISH CRAB-GRASS
—have a well-groomed lawn with

The BENDIX
Mowerake
WESCOTT PATENT

Give your lawn a "barber's trim"! Lifts grass and weeds upright for smooth, even cutting. Protects blades from sticks, stones and bones. Prevents re-seeding of low-growing, unsightly lawn-destroying crab-grass (which ordinary mowing leaves untouched). One season's use of the Bendix Mowerake should banish crab-grass and other low growing weeds from your lawn—*they can't re-seed if you keep them cut down.*

Wonderfully effective when cutting grass that has grown too long, or has become matted. Mowerake teeth are stiff enough to disentangle quite heavy grass, yet will bend far back and free themselves without uprooting anything. Entire Mowerake flips back out of the way when not in use. Quickly installed on any mower. Protects the border flowers and shrubbery.

See the Bendix Mowerake at your hardware store, or order direct from the factory.

——USE THE COUPON BELOW——

ECLIPSE MACHINE COMPANY, Elmira, N. Y.
Dept. A. (*Subsidiary of Bendix Aviation Corporation*)
Enclosed find $.................for which ship the following goods postpaid:
Quantity..........Red-Cap C'pl'g, complete, 60c ea.
Quantity..........Extra Faucet Connectors, 25c ea.
Size..........inch Bendix Mowerake, at
☐ $1.85 (14 to 16-inch.) ☐ $2.00 (18 to 20-inch.)

Name..........

Street Address..........

City..........*State*..........

Dealer's Name..........

GARDEN FACTS and FANCIES

Leonard Barron

GENTIANS, by D. Wilkie (Scribners, New York), is the title of a unique and really most interesting book on that very fascinating genus of plants. It is an English book but inasmuch as it is a kind of dictionary of the different species and varieties of Gentian and their idiosyncrasies in cultivation it is equally useful to the American gardener and there is no other book to which the cultivator and collector of this very fascinating genus of generally blue flowered plants (but we do not forget there are yellows) can turn.

The increase in appeal of our own Western plants has uncovered a great interest in the Gentians of this country and to that is added the discoveries of the plant collectors of other parts of the world. Under the circumstances it is not much to be wondered at that a clarification in this book of entanglements in identification of the various species will be welcomed by rock gardeners and alpinists in particular in their effort to get things straightened out. It is both a practical and a reference book, alphabetically arranged.

Perhaps of more positive local appeal is "American Ferns—How to Know, Grow, and Use Them" by E. A. Roberts and J. R. Lawrence (Macmillan, New York). Not a very big book but it gives a very practical insight into the North American Ferns. Naturally, it is largely botanical in its treatment and in that detail is open to debate, but apart from that the chapter dealing with the life of a Fern is unusually lucid and practical. If you would know how to raise Ferns from Spores, which the authors recommend rather than collecting from the wild, this book tells you just how.

THERE are still a good many people, I am glad to note, who like to devote a part of their area to the cultivation of vegetables. Now, there are "vegetables" and "vegetables" but the differences in quality are hardly realized except by those who do find a delightful recreation in "raising their own." And this is not entirely because of the freshness of the home-raised product but the fact that the market product is usually, in some way or other, a tougher type than should be used in the home area. A market variety must have enduring quality after it is picked; tough skin that will retain moisture, for example. But when you can add to superior varietal quality the further quality of full growth and gathering in perfection of condition, there is really no comparison between the home and the store product. Peas in particular unless grown at home and cooked almost as soon as gathered—and gathered young at that—have never otherwise been appreciated. This is equally true of sweet corn, all of which gathered young and kept cool till cooked will reveal a delicacy of quality entirely unsuspected. Keep cool; that is the point. The gathered products of your garden should be chilled at once, to get rid of the field heat, even by putting into the refrigerator to prevent the destruction of the sugar through chemical changes which ensue.

Vegetable gardening is indeed a good introduction to good flower and ornamental gardening in general because, of necessity, the vegetable grower quickly senses the necessity of keeping his crops clean by weeding and helping by protection against the onslaughts of insects and diseases. Cucumbers, melons, squash, which are attacked by bacterial wilt and mosaic diseases which may be carried to other plants in the garden, never have the desired table quality. The gardener learns quickly to control the transfer of diseases, especially bacterial disease, by destroying insects which are the carriers—leaf hoppers, cucumber beetles, stink bugs, etc.

Another advantage of the home plot vegetable is that the succulent quality of small, tender, young root crops, turnips, carrots, and such like, can be enjoyed—no necessity of raising to the greatest bulk. Quality is the ideal and any root crop not permitted to exceed an inch in diameter and cooked fresh is something to enjoy. But, even so, with the tendency to sudden burst of summer heat, the vegetable crops must be watched to be sure that they are caught young rather than allowed to get even a trifle aged.

GARDENERS will welcome the preliminary announcement of a new horticultural color chart to be sponsored by the Royal Horticultural Society of England. It is to be based on the model of the French *Repetoire de Couleurs* and the Ridgeway's *Color Standards*, both out of print. There is a British color council, apparently—whatever that may be—and the new project is to be undertaken with the collaboration of Mr. Robert Wilson, art director of that group. The two volumes are projected at a very moderate subscription cost of about $2.50 each.

12 POPULAR
PERENNIALS
$1.50

(If purchased separately would cost $2.15)
One packet each of the following:

Alyssum—Saxatile, Yellow
Arabis—Alpina, White
Aquilegia—Long Spurred, Mixed
Coreopsis—Grandiflora, Yellow
Chrysanthemum—Alaska, White (Shasta Daisy)
Delphinium—Gold Medal Hybrids, Mixed
Digitalis—Giant Shirley, Mixed
Dianthus—Double Plumarius, Mixed
Gaillardia—Grandiflora, Copper Red
Forget-Me-Not—Alpestris, Royal Blue
Poppy—Oriental Scarlet, Red
Pyrethrum—Double Hybrids, Pink

Cultural Direction on Each Packet

Stumpp & Walter Co.
132 to 138 Church Street, New York

The GRAVELY
GARDEN TRACTOR & POWER MOWER

Three Machines in One. Ideal for the estate owner.

Gravely Motor Plow & Cult. Co.
BOX 762
DUNBAR, W. VA.

Cultivates your garden.... Cuts the tallest weeds.... Mows your lawn.

Write for facts.

Tested Seeds
PETER HENDERSON & CO.
35-37 Cortlandt St., New York City

SIMPLE
SAFE
SURE
SKOTTIE
DOG CHASER

PROTECTS EVERGREENS and plants. Hang up Skottie. One whiff and dogs stay away. Lasts months. Waterproof.
If dealer can't supply, send
For Carton of Ten . . $1.00
Ben-Pier Co., 25 Cloure Bldg., Canton, O.

NATIONAL MOWER CO.
831 Cromwell St. Paul, Minn

Sickle mower, power driven rubber tired, cuts low or high grass, hay, weeds, on level or rough. Six times as fast as a scythe. Write for Catalog.

ACTUALLY KILLS
FLEAS
Instead of Merely Stupefying them

DIFFERENT . . . because Pulvex also prevents re-infestation for days! It's non-irritating, harmless. Ideal for cats. Backed by 93 years' experience. Sold on money-back guarantee. At drug, pet, department stores, 50 cents.

Kills Them Off and Keeps Them Off

PULVEX
FLEA POWDER

SPRAY YOUR
ROSES WITH

Wilson's
O. K. PLANT SPRAY

To keep your roses and other flowering plants free from destructive insect pests, spray them with Wilson's O. K. PLANT SPRAY . . . a positive protection that absolutely will not harm or discolor the tenderest foliage. For 31 years we have made dependable insecticides and agricultural chemicals of all kinds. You can rely on WILSON products. *If not obtainable at your dealer, write us for complete folder and prices.*

Andrew Wilson INC.
Dept. H-7 Springfield, N. J.

BROWN PATCH
DON'T LET IT RUIN YOUR LAWN!

Spray or sprinkle the grass frequently with Semesan or Nu-Green (directions in cans) to avoid ugly brown diseased spots. Used by thousands of golf clubs. Easy to apply; low in cost. Ask your seedsman or druggist, or write Bayer-Semesan Co., Inc., Dept. 43-E, Wilmington, Del., for free turf booklet. Send a postcard now.

FOR PROTECTION—USE
SEMESAN OR NU-GREEN

"100 Best Iris"

selected from all over the world are now available for your garden. Read about them in our new profusely illustrated *"Iris Lover's Catalog"*.

Send for your copy today!

Schreiner's Iris Gardens
Box 201 E Riverview Sta., St. Paul, Minn.

AMAZING-UNUSUAL
STASSEN'S
FALL FLOWERING CROCUS
10 BULBS 10¢
35¢ VALUE

New—exciting. Crocus blooms in rock garden or border this autumn. Multiply easily. Grow some indoors, without soil or water. Instructions included. Not over 100 at $1.00 to customer.

DUTCH BULB CATALOG FREE
Order Tulips and other spring flowering bulbs now at saving—shipped direct from Holland.
STASSEN Floral Gardens, Dept. 22, Roslyn Hts., N. Y.

WILLIAMSON
IRIS

Shah Jehan (rich, blend), Evelyn Benson, Castalia, Desert Gold, Lady Hudson, Barbarian—$7.75 value for $3.25. Send for attractive catalog of 444 different varieties.

Longfield Iris Farm
409 Market St., Bluffton, Ind.

HARDY ENGLISH IRIS
3 BULBS 25c; 7 BULBS 50c
16 BULBS $1.00, POSTPAID

Sometimes called Garden Orchids. Only mixed colors in many shades of lavender, white, blue and maroon. Easy to grow. Lovely cut flowers.

FREE One Extra Bulb, if names and addresses of ten flower gardeners are included with your order

Write for complete list illustrated in colors

GARDENVILLE BULB GROWERS
R. F. D. 6, BOX 516A, TACOMA, WASH.

WORLD FAMED
DELPHINIUM SEED
Awarded 12 R.H.S. Gold Medals since 1924—an UNIQUE RECORD
Order NOW for late July delivery, new crop.
Choicest mixture $1.00 per pkt.
Select mixture $0.50 per pkt.
BLACKMORE & LANGDON
BATH ENGLAND

A Salary in Your Cellar!
MONEY
in MUSHROOMS

Grow Mushrooms in cellar, shed. Exclusive new process. Bigger, better, quicker crops. More money for you! We buy. Big demand. Write:

AMERICAN MUSHROOM INDUSTRIES, Ltd
Dept. 645. Toronto, Ont.

BOOK Free

A slat house

[*Continued from page 16*]

made for the wall sections and the slats tacked on, care being taken to see that the frames were square. Then the wall sections were put in place and the doors hung. These wall sections were made to slip in between the sill and plate, and were held in place by a few 8-penny box nails driven only part way, so they could be easily pulled out to permit moving. The frames are of 1-inch by 2-inch redwood, with ½-inch by 2-inch slats, spaced 1 inch apart in the first unit, and 2 inches apart in the second. On the north side we used ½-inch by 8-inch boards with an inch space between them.

The roof sections are of different widths, so that in taking the house down for the purpose of moving it, these will nest together. We adopted a simple bow truss for the roof, strong, quickly put together, and ornamental in appearance, though a flat roof would answer very well.

We prefer to use rough lumber. It is slightly cheaper, it is more rustic in appearance, and can be covered with one coat of stain. The rough wood absorbs more stain, but it becomes almost immune to decay. In painting the slats, we found it saved a good deal of time to set thirty or more edgewise across two horses, pressing them tight together, and then painting all the edges at one time. The broad sides of the slats can be painted before or after they are nailed to the frames. All of the painting was done, in our case, before the slats were nailed to the frames and before the house was erected. Figures 2 and 3 show the wall frames, and Figure 4 illustrates the roof sections.

We fitted the house with rough tables on which to stand the flats, sand box, and pots. The convenience of working at a table, instead of stooping over a coldframe, and the time- and labor-saving element, has been worth the full cost of the house. Our water faucet, set above a box lined with galvanized iron like a sink in which to stand the flats for watering, is placed at one end, with a work table adjoining. After the seeds have been planted, or the seedlings transplanted, we stand the flats or pots in the sink, with water around them to within about an inch of the surface of the earth, and allow the water to rise by capillary attraction. In this way the soil is

Year Round Garden Beauty
with a
FOUNTAIN POOL

"Fountain pool" gardens remain beauty spots throughout the year. YOU can have a fountain pool at small cost with an ANDREWS GEYSER—new, syphoning device. Inexpensive to operate. Pool water is used over and over.

FREE—Descriptive folder on request.

LOCUST LAWN GARDENS
Crafton, Pennsylvania

ANTS
go when nest is destroyed
ANTROL kills entire colony

MALE
LARVA
QUEEN

Get rid of ants permanently. Kill queens, males, workers, larvae . . . entire colony *right in the nest.* Antrol is *safe to use around children or pets.* 4 jars, ready-filled, 40¢. 4-oz. refill, 35¢.

To kill ants *by contact,* also roaches and silverfish, use new fast-acting Antrol Ant Powder.

Sold and *guaranteed* by more than 8000 drug, hardware, seed, and grocery stores. Antrol Laboratories, Inc., 651 Imperial St., Los Angeles.

ANTROL
THE SURE WAY TO EXTERMINATE ANTS

Rare Bulbs for
LATE SUMMER
PLANTING
To Bloom This Fall

COLCHICUM Autumnale (Meadow Saffron)—Large Crocus-like lavender blooms—40c ea.; 3 for $1.10; 12 for $4.00.
FALL-FLOWERING CROCUS Zonatus—Rare, beautiful. Lovely rosy lilac; yellow center in orange zone. Bulbs 3 for 15c; 12 for 50c; 100 for $3.50.
STERNBERGIA LUTEA (Autumn Daffodil)—Graceful yellow blooms. Bulbs 25c ea.; 3 for 65c; 12 for $2.50.
All Dreer Quality. Postpaid.
Send for Dreer's Summer Catalog of Seeds, Bulbs and Plants, FREE.

HENRY A.
DREER
308 Dreer Bldg. Philadelphia, Pa.

Burpee's Lovely
DAFFODILS
33 Bulbs for $1
Guaranteed. Postpaid.

67 Bulbs for $2.00. Large and medium trumpet varieties in mixture. All guaranteed to bloom. Send order now.

Burpee's Bulb Book FREE
W. Atlee Burpee, Co., 268 Burpee Bldg., Philadelphia

EXCELLENT TOP DRESSING
FOR LAWNS and GARDENS

MANURED Peat Moss provides one of the finest top dressings you can give your lawn or garden. This inexpensive poultry by-product supplies the much-needed nitrogen for plant life—yet will not burn or leach. The millions of tiny moisture-absorbing peat moss cells store up this valuable plant food and slowly release it in solution to the roots of plants without waste as it is needed.

Now is the time to top dress your lawn and garden with manured peat moss, if you want a healthy-looking garden and lawn this Summer.

Secure your manured peat moss from a near-by registered poultryman. The Peat Institute of America will gladly send you his name and supply you with a free booklet giving timely garden information.

free VALUABLE FOLDER

PEAT INSTITUTE OF AMERICA
Div. Peat Import Corporation AH-7
155 John Street, New York, N.Y.
Send folder, and tell me where I can secure Manured Peat Moss.
Name ____________
Address ____________
City ____________ State ____________

POULTRY MANURE

Order Early
FOR
Ideal Darwin
TULIPS

Reg. U.S. Pat. Off.

HERE'S a caution and a suggestion you can but welcome. Let's prevent the disappointments so many had last Fall in not getting the new Tulips they wanted. Never had we been so totally sold out so early. This was particularly true of the new Ideal Darwins that have jumped so in popularity. The supply in Holland is limited. Of many varieties we have purchased the entire available supply and the quantities of many kinds are small.

So send at once for our new Catalog—24 pages in full color, and offering the finest and largest collection of Spring-flowering bulbs in America.

Here is an offer on the new Ideal Darwin Tulips:

20 each of La France, Gloria Swanson, Scotch Lassie, White Emperor, and Benjamin Franklin—100 bulbs for $9.25

Wayside Gardens
12 Mentor Ave., Mentor, Ohio
Owners: Elmer H. Schultz and J. J. Grullemans,
Distributors of Sutton's Seeds.
Send for Seed Catalog.

This one spray
KILLS
both SUCKING
and CHEWING
GARDEN INSECTS

NON-POISONOUS
To Humans,
Animals or Birds

Why use two insecticides—which must be bought, mixed and sprayed separately—when Red Arrow Garden Spray destroys all the usual varieties of sucking and chewing garden insects.

Excellent for Ants and Sod Web Worms

RED ARROW GARDEN SPRAY

Red Arrow is a highly concentrated pyrethrum solution—containing a special soap. Simply mix with water—as you need it. Red Arrow will not discolor or injure flowers, vegetables, or fruits. Red Arrow is economical, too, for a one ounce bottle (35¢) makes from 4 to 8 gallons of Spray. Buy Red Arrow Garden Spray where you buy your garden supplies, or

MAIL COUPON FOR TRIAL SAMPLE

McCORMICK & CO., Inc.,
Dept. 100 Baltimore, Md.
I enclose 10¢ for sample of Red Arrow Garden Spray sufficient to make one gallon of spray.
Name ____________
Address ____________
City ____________ State ____________
My Dealer is ____________

IVORY TIPPED
MARLBORO
CIGARETTES
Philip Morris
20
IVORY TIPS
Protect the Lips
Marlboro
MILD AS MAY
A CIGARETTE CREATED BY PHILIP MORRIS

thoroughly saturated and the finest seed is not washed out or disturbed. One table for our three-inch pots is built of close boards, with a 3-inch rim around it, and puttied and painted on the inside so that it will hold water. It has a pipe with a plug at one end for draining, and occasionally we flood this table, let the water stand for a few minutes until the moisture begins to show on the surface of the soil in the pots, and then let the water run out.

Now for the cost. The house, measuring 12 by 16 feet, with four sides, itemized as follows:

Lumber, 400 feet at $24 per thousand	$9.60
Hardware, for butts, door hinges, nails, and screws...	1.60
Shingle stain, 3 gallons at $1.	3.00
Total	$14.20

This does not include the tables or piping. In our case, the tables were made of old fence boards which we had on hand, and cost us nothing; the piping, which was extremely simple, we did ourselves.

After the experiment of raising seedlings for several seasons in flats in coldframes, only to have them killed or stunted by a sudden drying wind in the night when the covers had been left off; or finding our potted cuttings wet at top, but dry at bottom and unthrifty in consequence, our slat house came as the solution of a troublesome problem.

But we wanted a garden!

[*Continued from page 38*]

club, put up your tennis racket, give up Saturday football games, Sunday afternoon naps, and turn he-man every week-end. In other words, if you want results you've got to put your heart, hands, feet, and back into a series of industrious clean-up week-ends.

Of course there are other ways. You can turn the whole thing over to the local nursery or you can get Phillipo. We got Phillipo! And all we ask of life and friends is that they let us keep Phillipo. For without Phillipo we would never have been able to work the transition which the photographs show.

Job one was to get down to earth, which meant hauling a dozen or two truckloads of rubbish off the place. Next came weeding, which sounds simple enough if your acre isn't a mass of Poison Ivy and wild Blackberry bushes. In our case both of these enemies were so deeply rooted that we still spend our week-ends fighting them and our weeks nursing a case of perennial Poison Ivy.

Then the trees. Every one filled with dead limbs. And is there anything so eerie as a neglected locust tree? Well Phillipo knew Tony and Tony knew how to prune trees. And how he knew! In one week he turned our graveyard looking trunks and limbs into graceful trees that thanked us all the following summer with abundant foliage. Cost a fortune? No—only $35.

The by-product of pruning is firewood. As fast as Tony pruned, Phillipo sawed the dead limbs into logs so that all winter long we toast our toes before a roaring fire that really costs us nothing. And does that delight me when I think of the sticks we used to burn in our New York apartment fireplace at $1.50 a dozen.

Probably the most effective landscaping improvement we made was to demolish the ramshackle old garage and chicken house, move some of the other outbuildings and paint them. For instance, the abandoned pumphouse stood directly in front of the house when we bought the place. Painted a dark and dingy red, it was an eyesore. Moved on rollers to a more suitable spot in the rear of the property, re-roofed and floored, then painted white with green roof, it has become an attractive and useful playhouse. Cost of improvements: $35.25.

The same treatment applied to a "Chic Sales" bungalow of rather classic design, thereby netting us a small and useful garden-tool house. It, too, *was* a faded red and had a dreary looking over-hanging roof. Cutting the roof back, reshingling, and painting the house white cost just $14.65. The pictures tell whether it was worth it.

Only a devotee of fried chicken would go to the expense of tearing down an old chicken house and rebuilding it on a more suitable location at a cost of $45. It was worth it, however, just to be rid of the original eyesore and to give room for a vegetable garden.

A glance at the before-and-after photographs shows that the space selected for the garden *was* a first-class dumping ground. In addition, it was overrun with weeds, ivy, wild Blackberry bushes, and Connecticut rocks, the latter being even more prolific than rabbits in this part of the country.

A vegetable garden is a vegetable garden unless your wife has seen a picture of one laid out in patterns or designs. Then it takes on the trials and tribulations of a combination crossword puzzle and dress-designing contest. But it's worth it when the beans and beets begin to sprout and each plot becomes as interesting as a miniature Boxwood garden.

Aside from the pleasure we have had in personally having a hand in "clearing the land," we have gained an intimate knowledge of our grounds which promises to make it easier for us to decide what *real* landscaping we want to do when the professionals are called in next spring to take it in hand.

DON'T RISK BROKEN BONES IN BATHTUB FALLS!

FOOTSURE *Safety* BATH TUB MAT

Use **FOOTSURE *IN*** tub or under shower! Prevents slipping—falling. Safeguards whole family! *Patented double-lock* vacuum cups make it NON-SKID! Highest quality rubber—lasts for years. UTILITY, STANDARD & DELUXE models — $1.00 — $1.50 — $2.50. Leading department and other stores, or write us. Refuse inferior imitations. Illustrated circular FREE.

FOOTSURE CO., S-3, 1223 Maple Ave., Los Angeles, Calif.

Get Rid of Insects!

Indoors . . . Outdoors

This Insect Death Ray lures flying insects—then electrocutes them. Adds to enjoyment of summer evenings out of doors. Ends insect nuisance on porches, lawns, orchards, refreshment stands—or indoors. Absolutely harmless to humans, birds or household pets. No fire hazard.

Pendant or ceiling type. Attractive design. Metal parts are of handsome bronze. Operates on 110 volt alternating current. Just plug into ordinary light socket.

At your electrical dealer's, or order direct from us with check, money-order or C.O.D. Money-back guarantee. Illustrated folder free. Price, prepaid, only .... **$15.**

A. E. RITTENHOUSE CO., INC.
Dept. 54 Honeoye Falls, N. Y.

The INSECT DEATH RAY

INTERIOR DECORATION

SIX WEEKS
PRACTICAL TRAINING COURSE

Period and Contemporary styles, color harmony, draperies and all fundamentals. Personal instruction by New York decorators.

RESIDENT DAY CLASSES
start July 6th : Send for Catalog 12R
HOME STUDY COURSE
starts at once : Send for Catalog 12C
NEW YORK SCHOOL OF INTERIOR DECORATION
578 Madison Avenue, New York City

Colonial Pine Stain

Gives to new pine the color, texture and finish of real old pine with one application

Send for circular.

COLONIAL STAIN COMPANY
157 Federal Street Boston, Mass.

DO IT NOW!

You know about ADCO, the powder that converts farm and garden rubbish into rich, genuine manure *without animals*. You must know, too, how badly your soil needs manure. So begin *now* to use ADCO on these valuable wastes, and in a few weeks you will have a heap of rich manure, even better than the stable kind, and *clean*. Let us send you "Artificial Manure and How to Make It"—FREE.

Seed and hardware dealers sell ADCO, or we will ship direct.

ADCO, Carlisle, Pa.

Makers also of the new ADCO WEED-KILLER for LAWNS, which eradicates weeds while stimulating the grass to richer, more luxuriant growth. 3-lb. sample can postpaid for $1.00.

THE CUNEO PRESS, INC., U.S.A.

BEAUTY
PROTECTION

Painting by Rockwell Kent

(Copyright 1936), Sherwin-Williams Co., Cleveland, O.

BEAUTY AND PROTECTION

BY SHERWIN-WILLIAMS

When in the spring sunshine, you look at your house freshly painted with SWP you see and you feel the joy of living. Here is your most cherished possession . . . radiant . . . bright . . . and beautiful. And that lasting coat of beauty is more than beauty. It is lasting protection . . . to your property . . . to your pride . . . to all that means a bright and colorful home.

Few things can give you the pleasure that comes from a can of paint. And through the years Sherwin-Williams famous SWP will give you—as it has given thousands of others—the beauty . . . and protection . . . and pleasure . . . your painting expenditure entitles you to. SWP has all the properties that bring satisfaction in your finished painting. Smooth and silken texture . . . sunfast, durable, true toned colors . . . glossy, gleaming surface . . . and the durable long life your paint job must have.

Using SWP on your home identifies you with the best known and most widely used house paint in America. Its name is a proud possession of the Sherwin-Williams Co., because of the countless home-owners whose pride in their homes is enhanced by the beauty and protection SWP gives.

For your interior repainting S-W Semi-Lustre and S-W Flat-Tone are companions to SWP, in producing the pride and pleasure that comes out of a can of Sherwin-Williams paint . . . in transforming your house to your home.

"All you need to know about paint is Sherwin-Williams." And paint headquarters in city, town or hamlet is where the "cover the earth" emblem is displayed. There the Sherwin-Williams dealer will help and serve you.

You can have twelve to eighteen months to pay for your painting. Ask the Sherwin-Williams dealer in your locality about the S-W Budget Payment Plan. Write directly to Sherwin-Williams Co., Dept. E-1, Cleveland, O.

The Sherwin-Williams dealer in your locality will give you free of charge a copy of the beautiful Home Decorator. Or write direct to the Sherwin-Williams Co., Department E-1, Cleveland, Ohio.

COVER THE EARTH

SHERWIN-WILLIAMS PAINTS

ALL YOU NEED TO KNOW ABOUT PAINT

It's the Tobacco that Counts
and Luckies are less acid
LUCKY STRIKE
IT'S TOASTED
CIGARETTES
LUCKY STRIKE